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## TABLES

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**Table 1.** Location, well construction, depth to water, and specific conductance data for inventoried wells in the study area and in a 6-mile wide band surrounding the study area, spring 1998

[ddmmss, degrees-minutes-seconds; NGVD 29, National Geodetic Vertical Datum of 1929;  $\mu\text{S}/\text{cm}$ , microsiemens per centimeter at 25 degrees Celsius; yyyyymmdd, year-month-day; --, no data]

Latitude (ddmmss)	Longitude (ddmmss)	Land surface altitude (feet above NGVD 29)	Well depth (feet below land surface)	Casing depth (feet below land surface)	Depth to water (feet below land surface)	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Date of depth to water measurement (yyyyymmdd)
374138	921423	910	55	--	22.1	--	19980604
373238	921133	1,172	--	--	109.2	--	19980603
373056	921613	1,205	--	--	45.6	--	19980428
372624	922818	1,125	60	--	32.1	--	19980417
372309	915427	1,200	420	--	128.0	308	19980415
375449	914530	1,110	350	--	210.6	--	19980429
373139	922228	1,030	--	--	46.4	--	19980429
375040	921102	992	350	--	194.7	--	19980603
372753	924005	1,303	270	--	144.3	--	19980416
374153	922920	895	130	--	6.6	--	19980430
372545	923615	1,380	246	--	144.9	--	19980415
373621	920057	970	--	--	14.3	422	19980514
373455	922852	1,100	240	--	118.2	--	19980416
371022	920808	1,440	285	--	183.0	490	19980403
375444	914201	1,055	250	--	96.6	--	19980428
373517	923204	1,203	185	--	130.3	--	19980416
372003	922946	1,400	325	100	106.8	--	19980409
371000	923829	1,280	80	--	13.2	--	19980408
371911	923637	1,562	335	--	176.7	--	19980410
371656	915521	1,225	180	--	78.2	460	19980415
372702	915951	1,175	250	--	171.9	--	19980417
373955	922058	1,105	287	--	127.3	--	19980512
375548	914851	970	230	--	142.3	583	19980430
374902	922723	980	330	--	108.4	--	19980513
370541	922932	1,510	420	210	320.3	--	19980402
373921	923026	1,175	410	--	151.8	--	19980416
373810	922943	1,110	250	--	60.1	--	19980430
373809	922943	1,110	50	--	12.5	--	19980430
370604	920050	1,375	--	--	42.7	438	19980408
372011	914758	1,342	352	--	250.0	368	19980414
370804	924728	1,658	540	--	238.4	--	19980402
373335	924723	1,385	406	--	213.6	--	19980416
370511	922449	1,425	603	405	325.2	--	19980402
370631	914948	1,266	--	--	84.8	--	19980409
371140	921634	1,485	380	105	150.0	--	19980408
373941	922224	1,205	320	--	231.9	--	19980430
373855	922313	1,220	170	--	75.7	--	19980429
372215	923133	1,385	230	--	108.2	--	19980415
370736	920552	1,275	1,360	--	119.0	--	19980323
370751	920648	1,360	1,300	441	197.0	--	19980323
370720	920739	1,323	1,000	450	201.0	--	19980323
372908	923116	1,280	290	--	143.2	--	19980422
373233	921541	1,191	--	--	97.9	--	19980608
373857	914518	1,283	--	--	95.8	313	19980506
372002	924909	1,390	500	--	83.9	--	19980409

**Table 1.** Location, well construction, depth to water, and specific conductance data for inventoried wells in the study area and in a 6-mile wide band surrounding the study area, spring 1998—Continued

Latitude (ddmmss)	Longitude (ddmmss)	Land surface altitude (feet above NGVD 29)	Well depth (feet below land surface)	Casing depth (feet below land surface)	Depth to water (feet below land surface)	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Date of depth to water measurement (yyyymmdd)
371828	925459	1,535	325	147	206.4	--	19980402
372100	925710	1,445	235	--	54.1	--	19980402
375032	914824	1,020	210	--	80.2	455	19980429
372749	922809	1,302	210	--	139.7	--	19980417
372617	922844	1,130	151	--	49.8	--	19980417
380201	921647	920	190	--	54.2	--	19980514
371818	920128	1,190	258	210	96.4	--	19980414
370812	925103	1,520	--	--	100.3	--	19980408
374714	922840	1,010	450	--	130.5	--	19980514
371737	924447	1,440	370	--	91.4	427	19980410
374626	915109	1,105	370	--	203.1	363	19980429
371619	922958	1,255	155	84	26.6	--	19980410
375330	915846	775	350	115	20.6	--	19980506
374515	923030	1,112	--	--	140.2	--	19980512
372911	921749	1,415	200	--	54.2	--	19980424
375104	920010	1,073	350	--	233.0	--	19980521
374011	924304	1,235	--	--	182.6	--	19980422
373155	915801	1,215	--	--	221.7	--	19980421
372043	920155	1,270	400	--	193.2	--	19980415
372154	922728	1,336	400	--	178.7	--	19980422
375335	921339	890	285	--	79.4	--	19980514
373938	920301	910	230	--	60.1	407	19980514
370910	923024	1,400	340	--	267.6	--	19980402
375721	921546	1,123	995	--	218.0	--	19980313
375636	921600	1,123	950	--	197.0	--	19980313
374054	922548	1,233	360	--	254.5	--	19980430
374832	920014	1,100	--	--	140.0	--	19980519
372423	921035	1,420	430	--	225.4	--	19980415
370715	922338	1,450	575	168	382.2	375	19980408
370816	921858	1,380	1,040	--	132.3	--	19981125
371125	925315	1,640	--	--	160.0	--	19980408
373454	922422	1,222	180	--	152.7	--	19980429
373453	922421	1,222	50	--	22.2	--	19980429
373029	923510	1,290	375	--	216.3	--	19980422
375827	914237	1,165	--	--	225.0	--	19980430
370346	921719	1,465	360	100	132.8	--	19980403
373616	921810	1,075	240	--	101.2	--	19980604
375748	914750	1,192	450	212	303.2	--	19980429
375625	914803	974	650	420	183.2	--	19980429
371812	923226	1,465	260	--	84.3	--	19980415
375940	920600	1,162	889	--	310.0	--	19980313
371339	923905	1,487	312	80	172.7	--	19980409
373457	914702	1,375	260	--	155.7	374	19980422
374312	920648	1,092	600	--	261.9	--	19980310
370912	923446	1,415	370	--	209.3	--	19980331

**Table 1.** Location, well construction, depth to water, and specific conductance data for inventoried wells in the study area and in a 6-mile wide band surrounding the study area, spring 1998—Continued

Latitude (ddmmss)	Longitude (ddmmss)	Land surface altitude (feet above NGVD 29)	Well depth (feet below land surface)	Casing depth (feet below land surface)	Depth to water (feet below land surface)	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Date of depth to water measurement (yyyymmdd)
373939	921601	1,195	296	--	193.3	--	19980604
374425	923517	1,090	--	--	30.3	--	19980512
372037	922151	1,180	--	--	95.3	--	19980423
371743	921736	1,280	138	--	105.1	--	19980409
372504	921556	1,465	--	--	253.5	--	19980423
371014	924907	1,603	519	--	149.5	--	19980408
374923	922541	1,003	--	--	113.2	--	19980513
372733	914736	1,300	290	--	181.9	458	19980421
370910	921550	1,455	1,490	19	173.0	--	19980328
374440	922120	1,100	280	--	154.7	--	19980604
380018	915159	830	212	100	62.8	--	19980506
373757	914019	1,180	210	--	73.5	--	19980521
373200	922654	1,095	450	--	46.2	--	19980416
372116	924034	1,420	195	--	108.8	--	19980410
371444	924256	1,523	353	--	65.2	475	19980409
371844	922607	1,390	--	--	144.5	--	19980422
374620	915508	1,100	300	--	167.8	448	19980505
374358	920412	870	187	--	57.3	--	19980317
374313	920651	1,100	--	--	283.8	--	19980310
374107	920911	1,125	--	--	168.4	--	19980310
374103	920928	1,142	692	--	200.8	--	19980310
373857	921255	1,125	975	--	162.0	--	19980311
374428	920300	820	773	223	39.3	--	19980310
374634	920823	1,122	1,020	--	302.1	--	19980310
374327	921116	1,080	525	400	240.0	--	19980410
380041	920715	1,182	290	--	132.3	--	19980521
375112	915703	825	300	--	19.5	--	19980515
374943	921331	1,010	320	--	216.1	--	19980603
373725	922553	1,165	230	--	168.6	--	19980429
375150	921611	972	290	--	205.4	--	19980311
375627	920807	1,005	--	--	182.3	--	19980518
374841	915430	1,080	290	--	184.7	281	19980501
373109	925010	1,350	--	90	47.2	--	19980415
372933	920937	1,350	--	--	154.9	--	19980417
372716	923222	1,255	260	--	112.2	--	19980417
375018	921909	1,031	360	--	250.8	--	19980603
371452	925155	1,405	235	--	48.9	523	19980409
375056	920848	1,065	--	--	310.4	--	19980603
375203	920402	830	230	--	123.4	--	19980603
375855	921338	975	210	--	28.7	--	19980518
371446	924650	1,605	--	--	63.5	--	19980409
375915	921048	1,113	--	--	163.4	--	19980518
370933	922456	1,480	507	105	221.2	--	19980401
375329	920229	740	150	--	51.7	--	19980521
373630	920822	1,190	--	--	89.4	--	19980603

**Table 1.** Location, well construction, depth to water, and specific conductance data for inventoried wells in the study area and in a 6-mile wide band surrounding the study area, spring 1998—Continued

Latitude (ddmmss)	Longitude (ddmmss)	Land surface altitude (feet above NGVD 29)	Well depth (feet below land surface)	Casing depth (feet below land surface)	Depth to water (feet below land surface)	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Date of depth to water measurement (yyyymmdd)
373911	923424	1,225	460	--	226.8	--	19980501
375135	922540	1,096	120	--	69.1	--	19980513
374038	923120	1,120	300	--	160.8	--	19980501
373304	925245	1,326	181	--	94.9	--	19980416
372159	920922	1,420	385	--	224.0	--	19980415
373349	920647	1,222	--	--	196.0	--	19980603
370826	915420	1,300	235	162	45.9	--	19980409
371704	924910	1,533	374	--	173.1	865	19980409
371450	920019	1,200	250	90	90.0	666	19980403
371923	920743	1,330	--	--	127.8	--	19980414
371835	915040	1,395	380	--	219.0	552	19980414
371843	921401	1,545	408	105	286.3	--	19980409
373503	925003	1,280	340	--	99.6	--	19980415
371910	915750	1,225	1,150	--	164.0	--	19980318
371828	915748	1,280	1,170	--	212.0	--	19980318
372024	915645	1,273	1,200	450	210.0	--	19980318
372737	920606	1,410	--	--	176.6	--	19980604
372610	920801	1,350	360	--	186.5	--	19980417
373111	923829	1,280	350	190	166.4	--	19980423
375445	921757	980	--	--	166.2	--	19980514
374106	921713	1,100	220	--	89.5	--	19980604
374303	923052	1,145	260	--	211.2	--	19980512
373356	922422	1,262	51	--	21.0	--	19980429
372609	925727	1,270	295	--	89.3	573	19980403
372230	923635	1,360	202	--	50.9	--	19980415
374409	922914	1,010	200	--	68.3	--	19980512
371235	923202	1,235	250	--	78.5	--	19980331
375528	913921	1,005	270	--	152.2	365	19980428
371326	925500	1,490	247	--	90.3	--	19980409
373441	915639	1,160	--	--	45.8	--	19980421
375528	914705	1,141	380	--	302.0	--	19980213
372843	915156	1,280	550	--	153.8	174	19980423
373605	924235	1,360	350	--	211.5	--	19980423
373909	915051	1,132	200	--	73.3	381	19980423
373142	925429	1,295	145	--	57.4	--	19980417
373955	923606	1,333	1,280	--	351.0	--	19980501
373550	924118	1,360	1,220	525	383.0	--	19980501
374006	923621	1,310	1,300	550	330.0	--	19980501
373452	923916	1,300	452	--	229.6	--	19980423
372449	925120	1,365	310	--	109.5	--	19980402
373359	915141	1,255	210	--	90.9	287	19980423
371158	924949	1,585	499	--	147.9	--	19980408
371945	915544	1,222	200	40	72.0	524	19980415
374115	924032	1,233	1,640	--	336.3	--	19980430
372418	922454	1,305	--	--	247.1	--	19980422

**Table 1.** Location, well construction, depth to water, and specific conductance data for inventoried wells in the study area and in a 6-mile wide band surrounding the study area, spring 1998—Continued

Latitude (ddmmss)	Longitude (ddmmss)	Land surface altitude (feet above NGVD 29)	Well depth (feet below land surface)	Casing depth (feet below land surface)	Depth to water (feet below land surface)	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Date of depth to water measurement (yyyymmdd)
370847	924132	1,400	394	--	37.5	--	19980402
371115	915943	1,150	280	100	-2.5	500	19980409
372939	915149	1,290	903	--	187.0	--	19980318
372924	915121	1,320	1,100	600	270.0	--	19980000
373611	925649	1,230	360	105	107.7	--	19980415
374257	914312	1,215	350	--	133.3	438	19980506
373625	924656	1,305	500	--	209.2	--	19980414
373738	923815	1,275	302	--	188.9	--	19980423
374313	922654	1,083	--	--	158.3	--	19980430
370531	920341	1,360	312	89	24.9	496	19980403
371309	922400	1,310	160	84	111.5	--	19980331
374816	913734	1,100	272	--	130.9	409	19980429
370711	923420	1,440	1,550	845	433.0	431	19980409
375533	920604	1,010	--	--	207.4	--	19980518
371438	922300	1,220	--	--	41.9	--	19980331
373018	924710	1,265	225	--	59.4	--	19980416
373635	922338	1,235	385	--	110.3	--	19980429
371318	923630	1,465	205	--	94.3	--	19980331
372318	921348	1,443	440	189	211.3	459	19980410
374131	922930	975	170	--	77.6	521	19980430
373156	922023	1,115	154	--	76.9	--	19980608
373111	922014	1,153	--	--	56.4	--	19980429
374500	922743	1,070	301	--	158.6	--	19980513
371617	923412	1,355	120	--	45.2	--	19980410
373503	923513	1,300	255	--	164.4	--	19980422
374158	923304	1,160	--	--	69.7	--	19980512
374257	915857	830	170	--	11.1	472	19980506
371654	924006	1,518	220	105	106.5	--	19980409
371800	920948	1,465	481	--	255.1	--	19980417
373338	915310	1,165	950	--	18.0	--	19980319
375951	914131	1,035	--	--	72.2	--	19980429
373045	922806	1,238	380	--	177.9	392	19980422
374156	915156	1,228	280	--	193.2	306	19980423
372236	922429	1,322	530	--	269.2	--	19980423
375434	922219	1,180	460	106	277.8	--	19980513
375721	920512	1,070	195	84	167.6	--	19980518
375105	920549	1,010	395	--	275.6	--	19980603
372805	923459	1,350	175	--	84.5	--	19980416
370544	915329	1,160	180	80	62.9	441	19980409
374157	922315	1,153	400	--	204.0	--	19980430
374422	921316	1,052	490	--	218.0	--	19980604
370633	921641	1,505	510	105	228.4	--	19980403
373200	923432	1,232	319	--	225.7	--	19980416
370848	921538	1,530	--	--	206.0	--	19980326
374225	923451	1,300	--	--	239.8	--	19980424

**Table 1.** Location, well construction, depth to water, and specific conductance data for inventoried wells in the study area and in a 6-mile wide band surrounding the study area, spring 1998—Continued

Latitude (ddmmss)	Longitude (ddmmss)	Land surface altitude (feet above NGVD 29)	Well depth (feet below land surface)	Casing depth (feet below land surface)	Depth to water (feet below land surface)	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Date of depth to water measurement (yyyymmdd)
373801	922100	1,110	115	30	71.5	--	19980512
371122	921304	1,450	360	--	121.2	--	19980409
370612	924246	1,650	519	--	300.9	--	19980401
375425	922503	1,005	--	--	130.4	--	19980513
372938	920316	1,250	300	--	182.2	--	19980604
372329	924958	1,447	1,050	--	186.9	--	19980408
370450	924821	1,585	538	--	213.7	--	19980402
372542	915523	1,215	290	--	161.5	290	19980417
370616	922500	1,530	1,480	600	543.0	--	19980402
372701	925203	1,372	315	--	84.5	--	19980403
373330	923254	1,123	--	--	92.0	499	19980422
374755	922445	973	165	--	128.6	--	19980514
371526	922159	1,245	117	45	34.2	--	19980409
373416	920131	939	--	--	60.4	--	19980603
375912	920204	915	290	--	152.4	--	19980518
375238	922715	1,000	240	--	141.5	--	19980513
372741	922304	1,225	610	--	191.7	--	19980424
373919	920558	1,078	--	--	159.5	--	19980604
380151	914856	885	167	--	69.7	948	19980429
380046	915008	950	252	--	116.6	809	19980430
371631	925355	1,520	432	168	151.7	--	19980402
375703	914150	1,040	230	--	103.2	--	19980428
374831	922835	915	310	80	86.4	--	19980513
375135	920206	850	150	--	23.3	--	19980521
372500	923904	1,320	235	147	127.9	495	19980415
370910	921928	1,470	220	90	74.4	--	19980331
374210	915150	1,203	960	--	302.0	--	19980318
371836	924043	1,505	310	--	89.0	--	19980409
373650	923333	1,145	--	--	107.7	--	19980424
372429	923248	1,410	531	--	320.9	--	19980415
374842	923659	1,130	312	--	167.5	--	19980512
370529	921457	1,340	340	252	172.4	--	19980408
373041	922616	1,170	260	--	136.4	--	19980417
374612	921719	1,048	885	--	255.0	--	19980317
374705	921543	1,160	1,000	--	380.0	--	19980317
374717	921607	1,125	1,130	--	352.0	--	19980311
374940	920800	1,085	1,000	--	403.0	--	19980311
375036	920858	1,063	1,040	--	312.0	--	19980311
374924	920652	1,100	975	--	368.0	--	19980311
372740	924309	1,145	110	--	18.7	--	19980410
373816	913903	1,160	600	--	73.0	379	19980506
370903	924359	1,625	560	146	216.0	--	19980401
371259	922553	1,370	310	105	166.6	--	19980401
372108	914936	1,362	842	--	222.0	--	19980331
372636	922022	1,260	380	--	201.0	--	19980423

**Table 1.** Location, well construction, depth to water, and specific conductance data for inventoried wells in the study area and in a 6-mile wide band surrounding the study area, spring 1998—Continued

Latitude (ddmmss)	Longitude (ddmmss)	Land surface altitude (feet above NGVD 29)	Well depth (feet below land surface)	Casing depth (feet below land surface)	Depth to water (feet below land surface)	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Date of depth to water measurement (yyyymmdd)
371351	923016	1,180	200	105	35.4	--	19980401
374515	914605	1,150	235	--	141.8	--	19980519
371535	920736	1,210	175	--	68.2	--	19980414
375733	915609	980	--	--	132.2	--	19980503
375145	922325	1,085	1,220	--	270.0	--	19980313
372959	915813	1,185	370	--	238.8	--	19980416
372036	922637	1,380	80	--	22.5	--	19980422
374146	915707	865	210	82	9.5	476	19980508
375758	921922	1,025	200	--	100.3	--	19980514
374809	920918	1,075	390	--	273.6	--	19980603
372950	914601	1,230	210	--	108.2	377	19980423
375648	914620	1,085	1,740	--	445.2	--	19980225
375642	914647	1,080	1,130	--	410.0	--	19980223
375240	920852	920	300	--	128.1	--	19980521
371442	914751	1,305	--	--	71.0	289	19980409
370558	923755	1,590	580	--	286.6	--	19980401
373659	923514	1,225	195	--	119.3	--	19980422
374907	920634	1,030	420	--	308.6	--	19980603
372403	921710	1,360	165	--	113.0	--	19980423
371216	924432	1,618	251	--	157.0	--	19980409
375115	914004	960	120	--	57.7	--	19980429
370906	924603	1,650	1,220	--	237.0	--	19980401
372055	923242	1,440	330	--	144.3	--	19980410
372735	925503	1,201	206	--	54.9	--	19980403
372837	922554	1,180	260	--	146.2	--	19980422
373410	922551	1,250	270	100	213.2	--	19980429
373932	915919	1,172	175	--	171.5	404	19980514
371737	925837	1,490	360	--	225.9	--	19980401
375717	921044	965	200	--	55.6	--	19980518
370604	924623	1,505	165	--	85.9	--	19980402
371936	922019	1,330	310	87	195.6	--	19980409
372217	924611	1,415	310	--	124.5	--	19980409
374932	921016	1,080	945	--	264.0	--	19980317
374930	920843	1,152	1,100	--	369.0	--	19980317
375422	915353	715	--	--	14.3	--	19980501
372443	924619	1,278	160	--	65.2	523	19980408
373038	924257	1,340	125	--	77.9	--	19980423
375623	915252	1,005	--	--	143.1	--	19980501
372615	921718	1,380	410	--	185.8	--	19980424
374644	923319	1,180	280	--	174.4	--	19980512
375801	915821	740	275	--	129.8	--	19980512
373646	925212	1,212	--	--	45.3	--	19980415
375308	920853	920	--	--	79.1	--	19980521
375307	920859	955	320	120	218.9	--	19980521
370525	921940	1,480	--	--	147.6	420	19980403

**Table 1.** Location, well construction, depth to water, and specific conductance data for inventoried wells in the study area and in a 6-mile wide band surrounding the study area, spring 1998—Continued

Latitude (ddmmss)	Longitude (ddmmss)	Land surface altitude (feet above NGVD 29)	Well depth (feet below land surface)	Casing depth (feet below land surface)	Depth to water (feet below land surface)	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Date of depth to water measurement (yyyymmdd)
372103	921823	1,305	180	--	134.6	--	19980423
372057	921741	1,260	230	--	96.5	--	19980423
372520	915717	995	280	105	16.2	373	19980416
374100	914032	1,185	325	--	133.0	397	19980507
371936	925948	1,390	333	--	98.7	--	19980401
372650	920520	1,370	1,300	32	279.0	--	19980319
373206	920736	1,472	1,100	--	408.0	--	19980330
372056	920414	1,450	1,200	--	344.0	--	19980319
372040	915510	1,310	1,050	--	177.0	--	19980330
372142	915513	1,280	1,180	--	205.0	--	19980330
372848	915101	1,360	1,160	50	236.0	--	19980319
372957	914947	1,400	--	--	280.0	--	19980319
371226	915304	1,455	--	--	185.1	--	19980409
372704	924805	1,382	450	--	178.4	623	19980408
375153	923127	935	240	--	76.7	--	19980513
372139	925508	1,395	260	--	95.8	--	19980402
375138	922507	1,090	--	--	219.9	--	19980513
375250	914235	1,110	245	--	33.5	--	19980429
372409	922224	1,160	83	--	29.4	--	19980422
373303	923621	1,285	--	--	112.8	--	19980422
375832	914825	1,090	210	--	115.1	--	19980430
373922	922654	1,112	200	--	160.0	--	19980430
374755	914947	1,012	450	--	159.7	460	19980424
375224	915544	751	140	102	-2.3	438	19980501
373439	921624	1,312	254	--	165.2	--	19980608
371246	923238	1,385	435	180	298.2	--	19980331
370838	920431	1,200	195	84	-3.5	448	19980403
372934	922035	1,185	100	--	32.4	--	19980424
372442	915017	1,310	210	--	154.2	290	19980416
375609	920208	955	380	180	157.7	--	19980518
371146	921839	1,460	405	86	210.6	--	19980331
370348	915745	1,436	350	--	92.9	356	19980408
374848	921321	834	775	--	136.0	--	19980317
374843	921408	877	950	360	148.0	--	19980317
374612	921810	1,050	--	--	261.1	--	19980603
375109	915348	1,025	--	--	184.2	524	19980508
375149	914222	1,130	240	100	78.4	--	19980429
373731	915503	1,130	300	--	122.1	519	19980423
373030	920753	1,370	--	--	136.6	--	19980603
380013	915604	740	140	--	52.0	--	19980506
375415	921114	1,010	495	--	235.3	--	19980514
374400	915650	1,140	375	--	243.7	375	19980429
373302	924428	1,210	172	--	18.6	--	19980423
375641	921512	985	300	--	61.3	--	19980518
372351	923601	1,340	950	375	340.0	--	19980714

**Table 1.** Location, well construction, depth to water, and specific conductance data for inventoried wells in the study area and in a 6-mile wide band surrounding the study area, spring 1998—Continued

Latitude (ddmmss)	Longitude (ddmmss)	Land surface altitude (feet above NGVD 29)	Well depth (feet below land surface)	Casing depth (feet below land surface)	Depth to water (feet below land surface)	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Date of depth to water measurement (yyyymmdd)
373458	924458	1,370	305	100	167.4	--	19980416
374435	923829	1,185	276	--	189.9	--	19980512
372514	924220	1,325	200	105	73.6	--	19980410
373442	921039	1,185	--	--	57.2	--	19980603
374706	921251	1,025	400	--	188.4	--	19980603
373802	924648	1,130	145	--	5.3	--	19980512
373757	924652	1,170	--	--	77.8	--	19980512

**Table 2.** Stream and spring low-flow discharge measurements made in September 1995, September 1998, and August 1999, estimated spring low-flow discharge measurements from published data, and composite stream and spring discharge data scaled to August 1999 discharge data

[ft<sup>3</sup>/s, cubic feet per second; µS/cm, microsiemens per centimeter at 25 degrees Celsius; °C, degrees Celsius; --, no data; N, north; Hwy, highway; dnst, downstream; upst, upstream; FLWMR, Fort Leonard Wood Military Reservation; S, south]

Site number (fig. 22)	Stream, spring, or tributary name and measurement location <sup>a</sup>	Measured discharge			Date	Specific conductance (µS/cm)	Temperature (°C)	Remark or measurement rating	Composite discharge	
		Sept 1995 (ft <sup>3</sup> /s)	Sept 1998 (ft <sup>3</sup> /s)	Aug 1999 (ft <sup>3</sup> /s)					Stream (ft <sup>3</sup> /s)	Spring (ft <sup>3</sup> /s)
Gasconade River and associated springs and tributaries										
1	Gasconade River at Jerome	--	--	552	08/20/1999	333	26.4	fair-poor	552	--
	Gasconade River at Jerome	--	<sup>b</sup> 642	--	09/11/1998	--	--	--	--	--
2	Little Piney Creek at mouth	--	--	86.1	08/20/1999	343	23.0	good-fair	86.1	--
	Boiling Spring (N)	--	--	--	--	--	--	--	--	<sup>d</sup> 64.7
3	Big Piney River near mouth	--	--	246	08/19/1999	339	26.7	good-fair	246	--
4	Gasconade River near Hwy 28	--	--	150	08/20/1999	367	28.9	good-fair	150	--
	Mossy Spring	--	--	--	--	--	--	--	--	<sup>d</sup> .8
5	Gasconade River at Riddle	--	--	156	08/18/1999	381	29.4	good-fair	<sup>c</sup> 155	--
	Gasconade River at Riddle	--	--	154	08/19/1999	385	26.9	good-fair	--	--
	Cole Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 3.7
6	Gasconade River dnst Roubidoux Creek	--	--	144	08/18/1999	383	25.2	fair	144	--
7	Roubidoux Creek near mouth	--	--	25.9	--	--	--	--	25.9	--
	Bartlett Mill Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 15.6
	Creasy Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 21.9
	Falling Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 2.1
8	Gasconade River near Collie Hollow	--	--	39.3	08/18/1999	357	28.8	fair	39.3	--
9	Gasconade River at Riverside	--	--	43.3	08/17/1999	354	29.4	good-fair	<sup>c</sup> 41.6	--
	Gasconade River at Riverside	--	--	39.9	08/18/1999	357	27.8	good-fair	--	--
10	Gasconade River Hwy T	--	--	39.3	08/17/1999	352	28.7	good-fair	39.3	--
	Gasconade River Hwy T	--	79.1	--	09/11/1998	365	23.0	fair	--	--
11	Gasconade River at Cave Restaurant	--	--	47.1	08/17/1999	355	26.6	fair	47.1	--
	Gasconade River at Cave Restaurant	--	79.5	--	09/11/1998	368	22.0	fair	--	--
12	Gasconade River at Hwy 7	--	--	69.1	08/16/1999	--	--	good-fair	<sup>c</sup> 66.1	--
	Gasconade River at Hwy 7	--	--	63.0	08/17/1999	356	25.7	good-fair	--	--
	Gasconade River at Hwy 7	--	105	--	09/11/1998	370	21.8	fair	--	--
13	Gasconade River at Hwy 133	--	--	80.7	08/16/1999	--	--	good	80.7	--
	Gasconade River at Hwy 133	--	124	--	09/10/1998	--	--	fair	--	--
14	Jordan Creek	--	0	--	09/10/1998	--	--	--	0	--
	Cliff Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 1.3
15	Gasconade River near I-44	--	122	--	09/10/1998	--	--	fair	79.3	--

**Table 2.** Stream and spring low-flow discharge measurements made in September 1995, September 1998, and August 1999, estimated spring low-flow discharge measurements from published data, and composite stream and spring discharge data scaled to August 1999 discharge data—Continued

Site number (fig. 22)	Stream, spring, or tributary name and measurement location <sup>a</sup>	Measured discharge			Date	Specific conductance (µS/cm)	Temperature (°C)	Remark or measurement rating	Composite discharge	
		Sept 1995 (ft³/s)	Sept 1998 (ft³/s)	Aug 1999 (ft³/s)					Stream (ft³/s)	Spring (ft³/s)
Gasconade River and associated springs and tributaries—Continued										
16	Osage Fork near mouth	--	--	34.7	08/16/1999	--	--	good	34.7	--
17	Gasconade River upst Osage Fork	--	--	42.6	08/16/1999	--	--	good	42.6	--
	Gasconade River upst Osage Fork	--	61.7	--	09/10/1998	--	--	--	--	--
	Land Spring	--	--	--	--	--	--	--	--	.02
18	Gasconade River at Brownfield	--	62.5	--	09/10/1998	--	--	--	43.2	--
19	Gasconade River at Hwy 32	--	63.0	--	09/10/1998	--	--	--	43.5	--
	Mayfield Spring	--	--	--	--	--	--	--	--	.26
20	Elk Creek	--	4.2	--	09/09/1998	--	--	--	2.9	--
21	Gasconade River	--	39.4	--	09/09/1998	--	--	--	27.2	--
	Unnamed Spring	--	1.3	--	09/09/1998	--	--	--	--	.9
22	Beaver Creek	--	2.7	--	09/09/1998	--	--	--	1.9	--
23	Beaver Creek	--	3.4	--	09/08/1998	--	--	fair	2.3	--
24	Beaver Creek	--	1.5	--	09/08/1998	421	25.6	fair	1.0	--
25	North Fork Beaver Creek	--	0	--	09/09/1998	--	--	--	0	--
26	North Fork Sycamore Creek	--	1.0	--	09/09/1998	432	19.7	fair	.7	--
27	Gasconade River upst Beaver Creek	--	36.3	--	09/09/1998	--	--	fair	25.1	--
28	Dove Creek	--	.9	--	09/08/1998	438	26.8	good-fair	.6	--
29	Whetstone Creek	--	5.9	--	09/08/1998	411	25.6	fair	4.1	--
	Sparks Spring	--	--	--	--	--	--	--	--	.1
30	East Whetstone Creek	--	.9	--	09/08/1998	449	27.4	good-fair	.6	--
31	Whetstone Creek	--	.6	--	09/08/1998	453	24.5	fair	.4	--
32	Gasconade River at Hwy E	--	13.4	--	09/08/1998	--	--	good	9.3	--
33	Clark Creek	--	1.7	--	09/08/1998	--	--	fair	1.2	--
34	Gasconade River at Hwy 38	--	7.4	--	09/08/1998	--	--	fair	5.1	--
35	East Fork Gasconade River	--	.3	--	09/08/1998	--	--	poor	.2	--
36	Wolf Creek	--	0	--	09/09/1998	--	--	--	0	--
37	Gasconade River at Hwy 5	--	0	--	09/08/1998	--	--	--	0	--
38	West Fork Gasconade River	--	4.3	--	09/08/1998	--	--	fair	3.0	--
39	Little Creek	--	.5	--	09/09/1998	432	23.1	good-fair	.3	--
40	Bowman Creek	--	.9	--	09/09/1998	415	22.3	good-fair	.6	--

**Table 2.** Stream and spring low-flow discharge measurements made in September 1995, September 1998, and August 1999, estimated spring low-flow discharge measurements from published data, and composite stream and spring discharge data scaled to August 1999 discharge data—Continued

Site number (fig. 22)	Stream, spring, or tributary name and measurement location <sup>a</sup>	Measured discharge			Date	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Temperature ( $^{\circ}\text{C}$ )	Remark or measurement rating	Composite discharge	
		Sept 1995 ( $\text{ft}^3/\text{s}$ )	Sept 1998 ( $\text{ft}^3/\text{s}$ )	Aug 1999 ( $\text{ft}^3/\text{s}$ )					Stream ( $\text{ft}^3/\text{s}$ )	Spring ( $\text{ft}^3/\text{s}$ )
Little Piney Creek and associated springs and tributaries										
2	Little Piney Creek at mouth	--	--	86.1	08/20/1999	343	23.0	good-fair	86.1	--
	Little Piney Creek at mouth	--	113	--	09/23/1998	--	--	good	--	--
	Rolufs Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 0.5
41	Mill Creek at mouth	--	15.6	--	09/23/1998	--	--	fair	11.9	--
	Elm Spring	--	--	--	--	--	--	--	--	<sup>d</sup> .1
	Wilkins Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 5.8
42	Mill Creek at Yelton Spring	--	6.8	--	09/23/1998	--	--	good	5.2	--
43	Little Piney Creek tributary	--	0	--	09/23/1998	--	--	estimated	0	--
44	Little Piney Creek at Newburg	--	88.3	--	09/23/1998	--	--	good-fair	67.3	--
45	Little Piney Creek tributary	--	.1	--	09/23/1998	--	--	estimated	.08	--
46	Beaver Creek at mouth	--	11.8	--	09/23/1998	380	20.4	good-fair	9.0	--
47	Little Beaver Creek	--	2.0	--	09/23/1998	168	21.1	poor	1.5	--
	Gollahon Spring	--	--	--	--	--	--	--	--	<sup>d</sup> .2
48	Little Beaver Creek	--	.1	--	09/23/1998	--	--	estimated	.08	--
	Martin Spring	--	--	--	--	--	--	--	--	<sup>d</sup> .3
49	Wolf Creek	--	.2	--	09/22/1998	--	--	estimated	.15	--
50	Little Piney Creek at Hwy CC	--	79.7	--	09/23/1998	317	17.2	good-fair	60.7	--
51	Little Piney Creek tributary	--	0	--	09/22/1998	--	--	estimated	0	--
52	Little Piney Creek dinst Gourd Creek	--	70.7	--	09/22/1998	313	19.2	good-fair	53.9	--
53	Little Piney Creek	--	67.3	--	09/22/1998	313	16.1	fair	51.3	--
	Lane Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 11.5
	Yancy Mills Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 2.4
54	Little Piney Creek at Hwy 63	--	33.5	--	09/22/1998	309	16.8	fair	25.5	--
55	Little Piney Creek tributary	--	0	--	09/22/1998	--	--	--	0	--
	Piney Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 2.5
56	Bean Creek	--	0	--	09/22/1998	--	--	--	0	--
57	Little Piney Creek	--	0	--	09/22/1998	--	--	--	0	--
58	Little Piney Creek	--	0	--	09/22/1998	--	--	--	0	--
59	Little Piney Creek tributary	--	.1	--	09/22/1998	383	21.9	--	.08	--
60	Corn Creek at mouth	--	.6	--	09/22/1998	360	22.7	fair	.5	--

**Table 2.** Stream and spring low-flow discharge measurements made in September 1995, September 1998, and August 1999, estimated spring low-flow discharge measurements from published data, and composite stream and spring discharge data scaled to August 1999 discharge data—Continued

Site number (fig. 22)	Stream, spring, or tributary name and measurement location <sup>a</sup>	Measured discharge			Date	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Temperature ( $^{\circ}\text{C}$ )	Remark or measurement rating	Composite discharge	
		Sept 1995 ( $\text{ft}^3/\text{s}$ )	Sept 1998 ( $\text{ft}^3/\text{s}$ )	Aug 1999 ( $\text{ft}^3/\text{s}$ )					Stream ( $\text{ft}^3/\text{s}$ )	Spring ( $\text{ft}^3/\text{s}$ )
<b>Big Piney River and associated springs and tributaries</b>										
3	Big Piney River near mouth	--	--	246	08/19/1999	339	26.7	good-fair	246	--
	Big Piney River near mouth	267	--	--	09/25/1995	342	15.9	fair	--	--
	Shanghai Spring	22.7	--	--	09/25/1995	469	15.2	fair-poor	--	20.9
61	Big Piney River upst Shanghai Spring	252	--	--	09/25/1995	335	14.8	fair-poor	232	--
	Ousley Spring	1.2	--	--	09/22/1995	470	13.7	poor	--	1.1
62	Spring Creek at mouth	31.8	--	--	09/22/1995	324	13.0	good	29.3	--
	Spring Creek at mouth	--	33.8	--	09/22/1998	--	--	good	--	--
63	Spring Creek	--	35.1	--	09/11/1998	--	--	fair	30.4	--
64	Spring Creek	--	.1	--	09/22/1998	--	--	flow begin	.09	--
65	Sherrill Creek	--	0	--	09/22/1998	--	--	--	0	--
66	Spring Creek	--	0	--	09/22/1998	--	--	--	0	--
	Relfe (Coppedge) Spring	--	--	--	--	--	--	--	--	d19.4
67	Big Piney River upst Spring Creek	229	--	--	09/21/1995	332	14.1	good	211	--
	Big Piney River upst Spring Creek	--	208	--	09/11/1998	--	--	fair	--	--
	Big Piney River upst Spring Creek	--	235	--	09/22/1998	--	--	fair	--	--
68	Big Piney River	237.4	--	--	09/22/1995	330	16.6	good-fair	219	--
	Stone Mill Spring	35.0	--	--	09/21/1995	340	14.8	poor	--	32.2
	Stone Mill Spring	--	39.6	--	09/11/1998	--	--	poor	--	--
	Sandstone Spring	--	.5	--	09/11/1998	--	--	estimated	--	.5
69	Big Piney River at FLWMR Quarry	200	--	--	09/19/1995	325	19.3	fair	184	--
	Miller Spring	7.3	--	--	09/20/1995	370	13.8	fair	--	6.7
	Miller Spring	--	10.5	--	09/11/1998	--	--	--	--	--
70	Bald Ridge Creek	--	.4	--	09/10/1998	--	--	poor	.4	--
71	Big Piney River upst Bald Ridge Creek	173	--	--	09/18/1995	--	--	good-fair	159	--
	Big Piney River upst Bald Ridge Creek	--	161	--	09/10/1998	--	--	--	--	--
	Prewett Spring	--	--	--	--	--	--	--	--	d17.5
	Slabtown Spring	--	--	--	--	--	--	--	--	d16.8
72	Paddy Creek	--	.4	--	09/10/1998	--	--	poor	.4	--
73	Big Piney River upst Big Paddy Creek	--	133	--	09/10/1998	--	--	good	132	--
	Boiling Spring (S)	--	--	--	--	--	--	--	--	d13.4
74	Arthur Creek at mouth	--	15.7	--	09/09/1998	--	--	poor	15.5	--

**Table 2.** Stream and spring low-flow discharge measurements made in September 1995, September 1998, and August 1999, estimated spring low-flow discharge measurements from published data, and composite stream and spring discharge data scaled to August 1999 discharge data—Continued

Site number (fig. 22)	Stream, spring, or tributary name and measurement location <sup>a</sup>	Measured discharge			Date	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Temperature ( $^{\circ}\text{C}$ )	Remark or measurement rating	Composite discharge	
		Sept 1995 ( $\text{ft}^3/\text{s}$ )	Sept 1998 ( $\text{ft}^3/\text{s}$ )	Aug 1999 ( $\text{ft}^3/\text{s}$ )					Stream ( $\text{ft}^3/\text{s}$ )	Spring ( $\text{ft}^3/\text{s}$ )
Big Piney River and associated springs and tributaries—Continued										
75	Big Piney River upst Arthur Creek	--	32.2	--	09/09/1998	--	--	good	31.9	--
76	West Piney Creek at mouth	--	11.2	--	09/08/1998	--	--	poor	11.1	--
77	Hamilton Creek	--	.8	--	09/08/1998	--	--	poor	.8	--
78	West Piney Creek	--	4.4	--	09/08/1998	--	--	fair	4.4	--
79	Big Piney River upst West Piney Creek	--	24.4	--	09/08/1998	--	--	fair	24.2	--
80	Hog Creek at mouth	--	1.4	--	09/08/1998	--	--	fair	1.4	--
81	Big Piney River upst Hog Creek	--	18.9	--	09/08/1998	--	--	fair	18.7	--
82	Elk Creek at mouth	--	1.9	--	09/09/1998	--	--	fair	1.9	--
83	Big Piney River upst Elk Creek	--	7.2	--	09/09/1998	--	--	poor	7.1	--
84	Potter Creek at mouth	--	1.2	--	09/09/1998	--	--	fair	1.2	--
85	Big Piney River upst Potter Creek	--	1.6	--	09/09/1998	--	--	poor	1.6	--
Roubidoux Creek and associated springs and tributaries										
7	Roubidoux Creek near mouth	--	--	25.9	08/18/1999	363	22.0	fair-poor	25.9	--
	Roubidoux Creek near mouth	23.7	--	--	09/06/1995	400	21.1	good	--	--
	Roubidoux Spring	21.8	--	--	09/05/1995	--	--	--	--	23.8
86	Roubidoux Creek upst Roubidoux Spring	.7	--	--	09/05/1995	380	29.2	fair-poor	.8	--
87	Roubidoux Creek dinst Ballard Hollow	.1	--	--	09/05/1995	401	26.9	good	.1	--
88	Roubidoux Creek upst Ballard Hollow	0	--	--	09/05/1995	--	--	flow begins	0	--
89	Roubidoux Creek at Quesenberry Ford	0	--	--	09/13/1995	--	--	flow ends	0	--
90	Roubidoux Creek at Dundas Ford	8.5	--	--	09/12/1995	328	22.7	good	9.3	--
91	Roubidoux Creek at Cooksville Ford	9.6	--	--	09/11/1995	354	20.4	good-fair	10.5	--
92	Musgrave Hollow	.5	--	--	09/12/1995	--	--	--	.5	--
93	Roubidoux Creek upst Musgrave Hollow	7.3	--	--	09/11/1995	356	21.7	good-fair	8.0	--
94	Roubidoux Creek at Bernard Ford	7.6	--	--	09/12/1995	354	20.6	good	8.3	--
95	Roubidoux Creek at Hwy 17	6.3	--	--	09/05/1995	358	22.2	--	6.9	--

**Table 2.** Stream and spring low-flow discharge measurements made in September 1995, September 1998, and August 1999, estimated spring low-flow discharge measurements from published data, and composite stream and spring discharge data scaled to August 1999 discharge data—Continued

Site number (fig. 22)	Stream, spring, or tributary name and measurement location <sup>a</sup>	Measured discharge			Date	Specific conductance ( $\mu\text{S}/\text{cm}$ )	Temperature ( $^{\circ}\text{C}$ )	Remark or measurement rating	Composite discharge	
		Sept 1995 ( $\text{ft}^3/\text{s}$ )	Sept 1998 ( $\text{ft}^3/\text{s}$ )	Aug 1999 ( $\text{ft}^3/\text{s}$ )					Stream ( $\text{ft}^3/\text{s}$ )	Spring ( $\text{ft}^3/\text{s}$ )
<b>Osage Fork and associated springs and tributaries</b>										
16	Osage Fork near mouth	--	--	34.7	08/16/1999	--	--	good	34.7	--
	Osage Fork near mouth	--	42.5	--	09/10/1998	368	22.8	good-fair	--	--
96	Mill Creek	--	0	--	09/10/1998	--	--	--	0	--
97	Osage Fork at Garrett Road	--	45.0	--	09/10/1998	360	24.6	fair	36.7	--
98	Cobbs Creek at Hwy 32	--	.7	--	09/10/1998	368	25.9	fair	.6	--
99	Osage Fork at Cobb Creek	--	36.1	--	09/10/1998	370	21.9	good	29.5	--
100	Steins Creek	--	0	--	09/09/1998	--	--	--	0	--
101	Osage Fork near Orla	--	36.4	--	09/09/1998	--	--	fair	29.7	--
102	Brush Creek near Twin Bridge	--	.4	--	09/10/1998	377	20.4	good-fair	.3	--
103	Osage Fork upst Brush Creek	--	41.8	--	09/10/1998	392	17.0	good-fair	<sup>c</sup> 32.2	--
	Osage Fork upst Brush Creek	--	37.0	--	09/11/1998	395	--	good	--	--
	Big Spring	--	--	--	--	--	--	--	--	<sup>d</sup> 17.1
104	Parks Creek at Hwy J	--	.9	--	09/09/1998	359	25.4	fair-poor	1.0	--
105	Osage Fork at Hwy J	--	11.5	--	09/09/1998	367	25.6	good	9.4	--
106	Cantrell Creek at mouth	--	2.8	--	09/09/1998	407	24.1	good	2.3	--
107	Osage Fork at Hwy F	--	5.0	--	09/09/1998	410	24.7	good	4.1	--

<sup>a</sup> Location of September 1995 discharge measurements is shown in table 18 and figure 19 (Imes and others, 1996). Location of composite discharge values is shown in figure 22. Location of springs is shown in figure 23.

<sup>b</sup> Discharge from U.S. Geological Survey continuous streamflow gaging station (number 06933500) located at Jerome, Missouri (Hauck and others, 1999).

<sup>c</sup> Discharge is average of two measurements.

<sup>d</sup> Estimated value from average discharge or average of selected low-flow discharge measurements published in Vineyard and Feder (1974).

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998

[no., number; ddmmss, degrees, minutes, seconds; ft, feet; NGVD 29, National Geodetic Vertical Datum of 1929; gal/min-ft, gallons per minute per foot of drawdown; Mgal/d, million gallons per day; MG, millions of gallons; TP, Trailer Park; --, no data; MHP, Mobil Home Park; FLW, Fort Leonard Wood; MTOC, Motor Transport Operator Course]

Site no. (fig. 24)	Latitude ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-93	Feb-93	Mar-93	Apr-93	May-93	Jun-93	Jul-93	Aug-93	Sep-93	Oct-93	Nov-93	Dec-93	
Wells located inside the study area																				
1	374857	920825	Bel-Air TP; Well 1	1,071	425	120	--	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	2.74
2	374902	920824	Bel-Air TP; Well 2	1,077	410	120	--	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	2.74
3	370719	920607	Cabool; Well 3	1,262	700	300	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
4	370736	920552	Cabool; Well 4	1,278	1,359	441	0.8	.194	.178	.139	.101	.100	.117	.109	.129	.112	.099	.139	.081	45.4
5	370751	920648	Cabool; Well 5	1,357	1,300	441	2.6	.000	.001	.076	.149	.127	.119	.138	.123	.096	.108	.125	.123	36.3
6	370720	920739	Cabool; Well 6	1,338	1,000	450	--	.146	.145	.117	.085	.075	.072	.090	.078	.174	.084	.086	.085	37.5
7	374801	920823	Chimney & Lakeview TP	1,081	800	380	--	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	1.10
8	372955	924918	Conway; Well 1	1,405	954	303	--	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	11.0
9	370811	920942	Country Aire MHP	1,420	540	425	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.68
10	375554	914659	Deer Run Apartments	1,110	535	182	--	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.73
11	375926	920558	Dixon; Well 3	1,195	1,175	425	--	.054	.062	.068	.038	.028	.035	.033	.037	.035	.020	.000	.000	12.4
12	374633	920822	FLW Indiana Avenue Well	1,122	1,025	440	--	.146	.060	.051	.053	.028	.185	.255	.118	.062	.025	.063	.049	33.4
13	374103	920928	FLW MTOC Well	1,149	692	295	--	--	--	--	--	--	--	--	--	--	--	--	--	-
14	374107	920911	FLW Range Control Well	1,120	290	82	--	--	--	--	--	--	--	--	--	--	--	--	--	-
15	374313	920652	FLW Old Ammo Dump Well	1,100	-	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-
16	374320	920438	FLW Quarry	805	--	-	--	--	--	--	--	--	--	--	--	--	--	--	--	-
17	374312	920648	FLW New Ammo Dump Well	1,092	600	488	--	--	--	--	--	--	--	--	--	--	--	--	--	-
18	373857	921255	FLW Cannon Range Well	1,125	400	150	--	--	--	--	--	--	--	--	--	--	--	--	--	-
19	374358	920412	FLW Golf Course Well	870	187	-	--	--	--	--	--	--	--	--	--	--	--	--	--	-
20	374428	920300	FLW Bridge Training Area Well	820	773	223	--	--	--	--	--	--	--	--	--	--	--	--	--	-
21	374935	920843	Green Acres; Well 1	1,141	500	147	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
22	374941	920849	Green Acres; Well 2	1,080	-	--	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
23	371508	923060	Hartville; Well 1	1,308	785	364	8.3	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
24	371526	923031	Hartville; Well 2	1,330	1,152	200	--	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
25	374648	921316	High Point Estates	1,074	990	585	--	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	1.10
26	374814	921228	Highway H Development	1,013	850	360	--	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	7.30
27	375052	920532	Holland Hills; Well 2	1,036	485	180	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37
28	371908	915747	Houston; Well 2	1,223	1,150	355	2.7	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100	.100	36.4
29	371828	915748	Houston; Well 3	1,280	1,167	450	3.7	.102	.102	.102	.102	.102	.102	.102	.102	.102	.102	.102	.102	37.0
30	372024	915645	Houston; Well 4	1,279	1,200	450	--	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101	37.0
31	374852	923041	Laclede County #2; Well 1	1,162	1,235	350	1.0	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	13.1
32	373326	924655	Laclede County #3; Well 1	1,425	700	425	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
33	373955	923606	Laclede County #3; Well 3	1,332	1,275	575	.5	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
34	373530	924328	Laclede County #3; Well 4	1,405	1,275	630	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
35	373324	924654	Laclede County #3; Well 5	1,423	1,300	425	4.1	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no. (fig. 24)	Latitude ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)	
								Jan-93	Feb-93	Mar-93	Apr-93	May-93	Jun-93	Jul-93	Aug-93	Sep-93	Oct-93	Nov-93	Dec-93		
Wells located inside the study area—Continued																					
36	374006	923621	Laclede County #3; Well 6	1,309	1,297	552	--	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	30.4	
37	372939	915149	Licking; Well 2	1,290	903	325	1.4	.055	.061	.055	.057	.055	.057	.055	.055	.057	.055	.057	.055	.055	20.6
38	372947	915122	Licking; Well 1	1,270	931	310	1.4	.077	.086	.077	.080	.077	.080	.077	.077	.080	.077	.080	.077	.077	28.8
39	370651	923433	Mansfield; Well 3	1,432	1,480	550	.4	.166	.136	.149	.132	.168	.084	.146	.147	.125	.120	.145	.130	.50.2	
40	370711	923420	Mansfield; Well 4	1,435	1,550	600	7.3	.104	.121	.106	.112	.097	.167	.139	.141	.175	.172	.112	.140	.48.2	
41	370610	923326	Mansfield Nursing	1,485	250	80	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
42	370812	921556	Mountain Grove; Well 3	1,467	1,520	350	2.9	.200	.221	.200	.207	.200	.207	.200	.200	.207	.200	.207	.200	.200	74.4
43	370807	921520	Mountain Grove; Well 4	1,480	1,550	613	1.7	.112	.124	.112	.116	.112	.116	.112	.112	.116	.112	.116	.112	.112	41.7
44	370712	921541	Mountain Grove; Well 5	1,528	1,575	525	--	.031	.034	.031	.032	.031	.032	.031	.031	.032	.031	.032	.031	.031	11.4
45	370734	921700	Mountain Grove; Well 6	1,493	1,618	600	--	.249	.275	.249	.257	.249	.257	.249	.249	.257	.249	.257	.249	.92.5	
46	370848	921538	Mountain Grove; Well 7	1,451	1,495	600	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
47	372329	924958	Niangua; Well 1	1,443	1,050	344	.3	.022	.022	.022	.022	.022	.022	.022	.022	.022	.022	.022	.022	8.03	
48	370625	922449	Norwood; Well 1	1,512	1,199	450	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
49	370631	922502	Norwood; Well 2	1,502	1,450	550	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
50	374210	915145	Phelps County #1; Well 1	1,205	960	365	2.8	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	18.3	
51	374612	921719	Pulaski County #1; Well 1	1,049	885	500	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5	
52	374705	921543	Pulaski County #1; Well 3	1,157	1,000	500	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5	
53	374507	921837	Pulaski County #1; Well 4	1,220	1,000	505	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5	
54	374717	921607	Pulaski County #1; Well 5	1,120	1,130	585	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5	
55	374940	920800	Pulaski County #2; Well 1	1,080	1,000	450	--	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	57.9	
56	375036	920858	Pulaski County #2; Well 2	1,060	1,043	380	--	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	57.9	
57	374918	920739	Pulaski County #2; Well 3	1,034	975	438	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
58	372012	914951	Raymondville; Well 1	1,335	850	250	--	.017	.019	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	6.25	
59	372108	914936	Raymondville; Well 2	1,362	842	300	--	.017	.019	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	6.25	
60	375706	914714	Rolla; Well 6	1,055	1,215	378	--	.169	.169	.148	.182	.145	.143	.195	.193	.167	.150	.173	.167	60.8	
61	375632	914722	Rolla; Well 9	1,115	1,119	315	--	.145	.150	.161	.164	.165	.063	.000	.085	.232	.201	.178	.214	53.4	
62	370655	923740	Shady Oak MHP; Well 1	1,552	550	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37	
63	370653	923740	Shady Oak MHP; Well 2	1,561	--	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37	
64	374932	921015	St. Robert; Well 1a	1,090	945	476	--	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	42.0	
65	374949	921038	St. Robert; Well 2	1,064	1,050	449	--	.133	.133	.133	.133	.133	.133	.133	.133	.133	.133	.133	.133	48.5	
66	374930	920843	St. Robert; Well 3	1,150	1,150	500	--	.288	.288	.288	.288	.288	.288	.288	.288	.288	.288	.288	.288	105	
67	374912	920834	St. Robert; Well 4	1,099	975	450	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
68	372647	920522	Texas County #1; Well 1	1,368	1,300	452	--	.059	.061	.059	.064	.069	.067	.080	.079	.108	.105	.108	.105	29.4	
69	373206	920736	Texas County #1; Well 2	1,460	1,100	500	--	.115	.110	.114	.114	.114	.120	.118	.109	.090	.087	.090	.087	38.6	
70	372056	920414	Texas County #1; Well 3	1,450	1,200	515	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00		

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)	
								Jan-94	Feb-94	Mar-94	Apr-94	May-94	Jun-94	Jul-94	Aug-94	Sep-94	Oct-94	Nov-94	Dec-94		
Wells located inside the study area—Continued																					
16	374305	920426	FLW Quarry	805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
17	374312	920648	FLW New Ammo Dump Well	1,092	600	488	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
18	373857	921255	FLW Cannon Range Well	1,125	400	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
19	374358	920412	FLW Golf Course Well	870	187	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
20	374428	920300	FLW Bridge Training Area Well	820	773	223	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
21	374935	920843	Green Acres; Well 1	1,141	500	147	--	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	5.48	
22	374941	920849	Green Acres; Well 2	1,080	--	--	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
23	371508	923060	Hartville; Well 1	1,308	785	364	8.3	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
24	371526	923031	Hartville; Well 2	1,330	1,152	200	--	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
25	374648	921316	High Point Estates	1,074	990	585	--	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	1.10
26	374814	921228	Highway H Development	1,013	850	360	--	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	7.30
27	375052	920532	Holland Hills; Well 2	1,036	485	180	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37
28	371908	915747	Houston; Well 2	1,223	1,150	355	2.7	.127	.127	.127	.127	.127	.127	.127	.127	.127	.127	.127	.127	.127	46.3
29	371828	915748	Houston; Well 3	1,280	1,167	450	3.7	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	48.9
30	372024	915645	Houston; Well 4	1,279	1,200	450	--	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	41.9
31	374852	923041	Laclede County #2; Well 1	1,162	1,235	350	1.0	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	13.1
32	373326	924655	Laclede County #3; Well 1	1,425	700	425	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
33	373955	923606	Laclede County #3; Well 3	1,332	1,275	575	.5	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
34	373530	924328	Laclede County #3; Well 4	1,405	1,275	630	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
35	373324	924654	Laclede County #3; Well 5	1,423	1,300	425	4.1	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
36	374006	923621	Laclede County #3; Well 6	1,309	1,297	552	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
37	372939	915149	Licking; Well 2	1,290	903	325	1.4	.076	.078	.081	.080	.079	.087	.096	.073	.092	.106	.093	.085	.085	31.3
38	372947	915122	Licking; Well 1	1,270	931	310	1.4	.047	.051	.056	.055	.053	.066	.073	.079	.063	.048	.055	.050	.050	21.2
39	370651	923433	Mansfield; Well 3	1,432	1,480	550	.4	.145	.136	.129	.130	.139	.110	.155	.151	.123	.091	.091	.088	.088	45.2
40	370711	923420	Mansfield; Well 4	1,435	1,550	600	7.3	.126	.132	.132	.109	.140	.180	.156	.143	.126	.095	.096	.094	.094	46.5
41	370610	923326	Mansfield Nursing	1,485	250	80	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
42	370812	921556	Mountain Grove; Well 3	1,467	1,520	350	2.9	.132	.146	.132	.136	.132	.136	.132	.132	.136	.132	.136	.132	.132	49.1
43	370807	921520	Mountain Grove; Well 4	1,480	1,550	613	1.7	.115	.128	.115	.119	.115	.119	.115	.119	.115	.119	.115	.119	.115	42.9
44	370712	921541	Mountain Grove; Well 5	1,528	1,575	525	--	.066	.073	.066	.068	.066	.068	.066	.068	.068	.066	.068	.066	24.4	
45	370734	921700	Mountain Grove; Well 6	1,493	1,618	600	--	.255	.283	.255	.264	.255	.264	.255	.264	.255	.264	.255	.264	.255	95.0
46	370848	921538	Mountain Grove; Well 7	1,451	1,495	600	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
47	372329	924958	Niangua; Well 1	1,443	1,050	344	.3	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.40	
48	370625	922449	Norwood; Well 1	1,512	1,199	450	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
49	370631	922502	Norwood; Well 2	1,502	1,450	550	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
50	374210	915145	Phelps County #1; Well 1	1,205	960	365	2.8	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	18.3	

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-94	Feb-94	Mar-94	Apr-94	May-94	Jun-94	Jul-94	Aug-94	Sep-94	Oct-94	Nov-94	Dec-94	
Wells located inside the study area—Continued																				
51	374612	921719	Pulaski County #1; Well 1	1,049	885	500	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5
52	374705	921543	Pulaski County #1; Well 3	1,157	1,000	500	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5
53	374507	921837	Pulaski County #1; Well 4	1,220	1,000	505	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5
54	374717	921607	Pulaski County #1; Well 5	1,120	1,130	585	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5
55	374940	920800	Pulaski County #2; Well 1	1,080	1,000	450	--	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	57.9
56	375036	920858	Pulaski County #2; Well 2	1,060	1,043	380	--	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	57.9
57	374918	920739	Pulaski County #2; Well 3	1,034	975	438	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
58	372012	914951	Raymondville; Well 1	1,335	850	250	--	.017	.019	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	6.25
59	372108	914936	Raymondville; Well 2	1,362	842	300	--	.017	.019	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	6.25
60	375706	914714	Rolla; Well 6	1,055	1,215	378	--	.163	.164	.199	.172	.142	.176	.135	.168	.152	.134	.157	.178	59.0
61	375632	914722	Rolla; Well 9	1,115	1,119	315	--	.293	.030	.052	.156	.180	.192	.201	.190	.249	.190	.187	.209	65.1
62	370655	923740	Shady Oak MHP; Well 1	1,552	550	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37
63	370653	923740	Shady Oak MHP; Well 2	1,561	--	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37
64	374932	921016	St. Robert; Well 1a	1,090	945	476	--	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	37.6
65	374949	921038	St. Robert; Well 2	1,064	1,050	449	--	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	76.3
66	374930	920843	St. Robert; Well 3	1,150	1,150	500	--	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	76.3
67	374912	920834	St. Robert; Well 4	1,099	975	450	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37
68	372647	920522	Texas County #1; Well 1	1,368	1,300	452	--	.079	.054	.023	.017	.014	.020	.024	.024	.021	.022	.060	.059	12.6
69	373206	920736	Texas County #1; Well 2	1,460	1,100	500	--	.104	.123	.138	.118	.128	.118	.119	.126	.117	.116	.118	.109	43.6
70	372056	920414	Texas County #1; Well 3	1,450	1,200	515	--	.025	.042	.042	.038	.059	.057	.054	.053	.053	.027	.021	.16.1	
71	372042	915510	Texas County #2; Well 1	1,313	1,046	275	--	.009	.004	.002	.001	.000	.000	.024	.037	.009	.019	.024	.044	5.30
72	372142	915513	Texas County #2; Well 2	1,293	1,180	470	--	.075	.137	.085	.119	.110	.091	.080	.110	.119	.084	.087	.060	35.0
73	371702	915307	Texas County #3; Well 1	1,370	1,204	485	--	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	10.2
74	372848	915101	Texas County #4; Well 1	1,362	1,160	593	--	.153	.196	.145	.161	.146	.170	.177	.104	.110	.083	.088	.082	48.9
75	375305	914730	Vista View Mobile Villa	920	245	102	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46
76	374948	921205	Waynesville; Well 1	795	850	150	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
77	374938	921230	Waynesville; Well 2	790	900	191	--	.218	.241	.191	.202	.184	.235	.183	.213	.197	.197	.194	.175	73.8
78	374848	921321	Waynesville; Well 3	834	865	250	--	.110	.120	.108	.118	.120	.133	.124	.143	.123	.089	.099	.088	41.7
79	374930	921146	Waynesville; Well 4c	985	1,030	435	--	.047	.051	.043	.054	.050	.054	.061	.068	.077	.052	.074	.051	20.7
80	374843	921408	Waynesville; Well 5	878	950	360	--	.210	.262	.134	.155	.156	.199	.159	.180	.163	.121	.126	.114	59.9
Cumulative average daily pumping rate and annual pumpage, 1994								5.13	5.16	4.81	5.04	5.01	5.33	5.36	5.46	5.44	4.89	4.92	4.91	1,870

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-95	Feb-95	Mar-95	Apr-95	May-95	Jun-95	Jul-95	Aug-95	Sep-95	Oct-95	Nov-95	Dec-95	
Wells located inside the study area—Continued																				
1	374857	920825	Bel-Air TP; Well 1	1,071	425	120	--	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	2.74
2	374902	920824	Bel-Air TP; Well 2	1,077	410	120	--	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	2.74
3	370719	920607	Cabool; Well 3	1,262	700	300	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
4	370736	920552	Cabool; Well 4	1,278	1,359	441	0.8	.094	.065	.052	.058	.064	.071	.070	.101	.109	.096	.088	.070	28.6
5	370751	920648	Cabool; Well 5	1,357	1,300	441	2.6	.033	.007	.047	.054	.022	.066	.133	.118	.042	.014	.016	.063	18.9
6	370720	920739	Cabool; Well 6	1,338	1,000	450	--	.164	.242	.203	.239	.241	.204	.229	.229	.225	.223	.220	.184	79.1
7	374801	920823	Chimney & Lakeview TP	1,081	800	380	--	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	1.10
8	372955	924918	Conway; Well 1	1,405	954	303	--	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	11.0
9	370811	920942	Country Aire MHP	1,420	540	425	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.68
10	375554	914659	Deer Run Apartments	1,110	535	182	--	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.73
11	375926	920558	Dixon; Well 3	1,195	1,175	425	--	.076	.071	.074	.075	.066	.079	.075	.076	.078	.080	.079	.074	27.5
12	374633	920822	FLW Indiana Street Well	1,122	1,025	440	--	.289	.000	.002	.011	.117	.078	.090	.326	.016	.025	.006	.034	30.7
13	374103	920928	FLW New Range Control Well	1,149	692	295	--	--	--	--	--	--	--	--	--	--	--	--	--	--
14	374107	920911	FLW Range Control Well	1,120	290	82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15	374313	920652	FLW Ammo Dump Well	1,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16	374305	920426	FLW Quarry	805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	374312	920648	FLW New Ammo Dump Well	1,092	600	488	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	373857	921255	FLW Cannon Range Well	1,125	400	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	374358	920412	FLW Golf Course Well	870	187	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20	374428	920300	FLW Bridge Training Area Well	820	773	223	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21	374935	920843	Green Acres; Well 1	1,141	500	147	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
22	374941	920849	Green Acres; Well 2	1,080	--	--	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
23	371508	923060	Hartville; Well 1	1,308	785	364	8.3	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
24	371526	923031	Hartville; Well 2	1,330	1,152	200	--	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
25	374648	921316	High Point Estates	1,074	990	585	--	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	1.10
26	374814	921228	Highway H Development	1,013	850	360	--	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	7.30
27	375052	920532	Holland Hills; Well 2	1,036	485	180	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37
28	371908	915747	Houston; Well 2	1,223	1,150	355	2.7	.117	.107	.112	.106	.090	.097	.101	.115	.092	.114	.130	.105	39.1
29	371828	915748	Houston; Well 3	1,280	1,167	450	3.7	.109	.114	.118	.125	.117	.107	.106	.121	.096	.171	.139	.138	44.4
30	372024	915645	Houston; Well 4	1,279	1,200	450	--	.071	.060	.067	.070	.098	.113	.143	.171	.186	.037	.023	.065	33.6
31	374852	923041	Laclede County #2; Well 1	1,162	1,235	350	1.0	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	13.1
32	373326	924655	Laclede County #3; Well 1	1,425	700	425	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
33	373955	923606	Laclede County #3; Well 3	1,332	1,275	575	.5	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
34	373530	924328	Laclede County #3; Well 4	1,405	1,275	630	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
35	373324	924654	Laclede County #3; Well 5	1,423	1,300	425	4.1	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Geohydrologic Framework, Ground-Water Hydrology, and Water Use in the Gasconade River Basin	Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)	
									Jan-95	Feb-95	Mar-95	Apr-95	May-95	Jun-95	Jul-95	Aug-95	Sep-95	Oct-95	Nov-95	Dec-95		
									Wells located inside the study area—Continued													
	36	374006	923621	Laclede County #3; Well 6	1,309	1,297	552	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4	
	37	372939	915149	Licking; Well 2	1,290	903	325	1.4	.076	.083	.079	.089	.082	.100	.095	.104	.093	.105	.087	.079	32.7	
	38	372947	915122	Licking; Well 1	1,270	931	310	1.4	.063	.060	.068	.069	.070	.060	.075	.079	.074	.068	.064	.054	24.4	
	39	370651	923433	Mansfield; Well 3	1,432	1,480	550	.4	.111	.217	.200	.104	.114	.189	.078	.139	.114	.086	.096	.134	47.9	
	40	370711	923420	Mansfield; Well 4	1,435	1,550	600	7.3	.104	.007	.012	.096	.113	.083	.205	.186	.120	.136	.107	.077	38.2	
	41	370610	923326	Mansfield Nursing	1,485	250	80	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
	42	370812	921556	Mountain Grove; Well 3	1,467	1,520	350	2.9	.129	.143	.129	.133	.129	.133	.129	.129	.133	.129	.133	.129	.129	48.0
	43	370807	921520	Mountain Grove; Well 4	1,480	1,550	613	1.7	.097	.107	.097	.100	.097	.100	.097	.097	.100	.097	.100	.097	.100	36.1
	44	370712	921541	Mountain Grove; Well 5	1,528	1,575	525	--	.061	.068	.061	.063	.061	.063	.061	.061	.063	.061	.063	.061	22.8	
	45	370734	921700	Mountain Grove; Well 6	1,493	1,618	600	--	.183	.203	.183	.189	.183	.189	.183	.189	.183	.189	.183	.189	68.2	
	46	370848	921538	Mountain Grove; Well 7	1,451	1,495	600	--	.061	.067	.061	.063	.061	.063	.061	.061	.063	.061	.063	.061	22.5	
	47	372329	924958	Niangua; Well 1	1,443	1,050	344	.3	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.76	
	48	370625	922449	Norwood; Well 1	1,512	1,199	450	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
	49	370631	922502	Norwood; Well 2	1,502	1,450	550	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
	50	374210	915145	Phelps County #1; Well 1	1,205	960	365	2.8	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	18.3	
	51	374612	921719	Pulaski County #1; Well 1	1,049	885	500	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5	
	52	374705	921543	Pulaski County #1; Well 3	1,157	1,000	500	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5	
	53	374507	921837	Pulaski County #1; Well 4	1,220	1,000	505	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5	
	54	374717	921607	Pulaski County #1; Well 5	1,120	1,130	585	--	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	23.5	
	55	374940	920800	Pulaski County #2; Well 1	1,080	1,000	450	--	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	57.9	
	56	375036	920858	Pulaski County #2; Well 2	1,060	1,043	380	--	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	.159	57.9	
	57	374918	920739	Pulaski County #2; Well 3	1,034	975	438	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
	58	372012	914951	Raymondville; Well 1	1,335	850	250	--	.017	.019	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	6.25	
	59	372108	914936	Raymondville; Well 2	1,362	842	300	--	.017	.019	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	6.25	
	60	375706	914714	Rolla; Well 6	1,055	1,215	378	--	.127	.136	.157	.156	.153	.132	.141	.172	.090	.164	.114	.120	50.6	
	61	375632	914722	Rolla; Well 9	1,115	1,119	315	--	.190	.172	.217	.188	.189	.304	.337	.451	.486	.407	.359	.352	111	
	62	370655	923740	Shady Oak MHP; Well 1	1,552	550	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37	
	63	370653	923740	Shady Oak MHP; Well 2	1,561	--	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37	
	64	374932	921016	St. Robert; Well 1a	1,090	945	476	--	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	37.6	
	65	374949	921038	St. Robert; Well 2	1,064	1,050	449	--	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	76.3	
	66	374930	920843	St. Robert; Well 3	1,150	1,150	500	--	.208	.208	.208	.208	.208	.208	.208	.208	.208	.208	.208	.208	75.9	
	67	374912	920834	St. Robert; Well 4	1,099	975	450	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37	
	68	372647	920522	Texas County #1; Well 1	1,368	1,300	452	--	.024	.021	.039	.010	.048	.057	.067	.079	.040	.028	.037	.035	14.8	
	69	373206	920736	Texas County #1; Well 2	1,460	1,100	500	--	.130	.137	.139	.128	.121	.140	.154	.178	.172	.156	.138	.111	51.8	
	70	372056	920414	Texas County #1; Well 3	1,450	1,200	515	--	.052	.052	.032	.031	.032	.037	.039	.046	.058	.060	.060	.060	16.9	

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no. (fig. 24)	Latitude (ddmmss)	Longitude (ddmmss)	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-95	Feb-95	Mar-95	Apr-95	May-95	Jun-95	Jul-95	Aug-95	Sep-95	Oct-95	Nov-95	Dec-95	
Wells located inside the study area—Continued																				
71	372042	915510	Texas County #2; Well 1	1,313	1,046	275	--	0.030	0.028	0.022	0.032	0.029	0.032	0.037	0.048	0.051	0.033	0.034	0.030	12.3
72	372142	915513	Texas County #2; Well 2	1,293	1,180	470	--	.083	.089	.067	.093	.074	.084	.076	.094	.089	.086	.082	.074	30.1
73	371702	915307	Texas County #3; Well 1	1,370	1,204	485	--	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	10.2
74	372848	915101	Texas County #4; Well 1	1,362	1,160	593	--	.097	.106	.080	.022	.000	.100	.126	.096	.123	.109	.103	.103	32.4
75	375305	914730	Vista View Mobile Villa	920	245	102	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46
76	374948	921205	Waynesville; Well 1	795	850	150	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
77	374938	921230	Waynesville; Well 2	790	900	191	--	.219	.243	.209	.240	.224	.240	.215	.219	.236	.198	.222	.211	81.2
78	374848	921321	Waynesville; Well 3	834	865	250	--	.109	.111	.092	.119	.113	.130	.141	.161	.150	.141	.172	.116	47.3
79	374930	921146	Waynesville; Well 4c	985	1,030	435	--	.051	.054	.046	.056	.051	.051	.054	.080	.053	.058	.053	.047	19.9
80	374843	921408	Waynesville; Well 5	878	950	360	--	.138	.144	.127	.155	.140	.174	.188	.202	.183	.147	.155	.130	57.3
Cumulative average daily pumping rate and annual pumpage, 1995								5.05	4.88	4.76	4.84	4.86	5.24	5.47	6.09	5.49	5.24	5.10	4.96	1,890
Site no. (fig. 24)	Latitude (ddmmss)	Longitude (ddmmss)	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-96	Feb-96	Mar-96	Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	Oct-96	Nov-96	Dec-96	
Wells located inside the study area—Continued																				
1	374857	920825	Bel-Air TP; Well 1	1,071	425	120	--	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	2.74
2	374902	920824	Bel-Air TP; Well 2	1,077	410	120	--	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	2.74
3	370719	920607	Cabool; Well 3	1,262	700	300	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
4	370736	920552	Cabool; Well 4	1,278	1,359	441	0.8	.065	.093	.081	.192	.180	.135	.245	.072	.070	.049	.058	.049	39.3
5	370751	920648	Cabool; Well 5	1,357	1,300	441	2.6	.034	.058	.026	.102	.105	.049	.104	.069	.045	.048	.046	.035	22.0
6	370720	920739	Cabool; Well 6	1,338	1,000	450	--	.213	.221	.211	.074	.120	.249	.209	.240	.229	.235	.237	.238	75.3
7	374801	920823	Chimney & Lakeview TP	1,081	800	380	--	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	1.10
8	372955	924918	Conway; Well 1	1,405	954	303	--	.035	.035	.035	.035	.035	.035	.035	.035	.035	.035	.035	.035	12.8
9	370811	920942	Country Aire MHP	1,420	540	425	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.68
10	375554	914659	Deer Run Apartments	1,110	535	182	--	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.73
11	375926	920558	Dixon; Well 3	1,195	1,175	425	--	.070	.074	.071	.070	.072	.073	.068	.070	.067	.069	.067	.065	25.4
12	374633	920822	FLW Indiana Street Well	1,122	1,025	440	--	.025	.008	.024	.004	.046	.164	.046	.071	.092	.078	.189	.060	24.5
13	374103	920928	FLW New Range Control Well	1,149	692	295	--	--	--	--	--	--	--	--	--	--	--	--	--	--
14	374107	920911	FLW Range Control Well	1,120	290	82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15	374313	920652	FLW Ammo Dump Well	1,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no. (fig. 24)	Latitude (ddmmss)	Longitude (ddmmss)	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)	
								Jan-96	Feb-96	Mar-96	Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	Oct-96	Nov-96	Dec-96		
Wells located inside the study area—Continued																					
16	374305	920426	FLW Quarry	805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
17	374312	920648	FLW New Ammo Dump Well	1,092	600	488	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
18	373857	921255	FLW Cannon Range Well	1,125	400	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
19	374358	920412	FLW Golf Course Well	870	187	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
20	374428	920300	FLW Bridge Training Area Well	820	773	223	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
21	374935	920843	Green Acres; Well 1	1,141	500	147	--	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	5.48	
22	374941	920849	Green Acres; Well 2	1,080	--	--	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
23	371508	923060	Hartville; Well 1	1,308	785	364	8.3	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
24	371526	923031	Hartville; Well 2	1,330	1,152	200	--	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
25	374648	921316	High Point Estates	1,074	990	585	--	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	1.10
26	374814	921228	Highway H Development	1,013	850	360	--	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	7.30
27	375052	920532	Holland Hills; Well 2	1,036	485	180	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37
28	371908	915747	Houston; Well 2	1,223	1,150	355	2.7	.101	.116	.131	.125	.129	.124	.060	.012	.063	.047	.069	.154	.34.4	
29	371828	915748	Houston; Well 3	1,280	1,167	450	3.7	.105	.116	.134	.127	.124	.146	.186	.181	.141	.175	.074	.099	.49.0	
30	372024	915645	Houston; Well 4	1,279	1,200	450	--	.112	.096	.037	.046	.059	.093	.168	.194	.119	.087	.146	.133	.39.3	
31	374852	923041	Laclede County #2; Well 1	1,162	1,235	350	1.0	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	13.1
32	373326	924655	Laclede County #3; Well 1	1,425	700	425	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
33	373955	923606	Laclede County #3; Well 3	1,332	1,275	575	.5	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
34	373530	924328	Laclede County #3; Well 4	1,405	1,275	630	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
35	373324	924654	Laclede County #3; Well 5	1,423	1,300	425	4.1	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
36	374006	923621	Laclede County #3; Well 6	1,309	1,297	552	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
37	372939	915149	Licking; Well 2	1,290	903	325	1.4	.076	.099	.090	.079	.090	.107	.101	.114	.093	.087	.089	.097	.34.1	
38	372947	915122	Licking; Well 1	1,270	931	310	1.4	.038	.067	.065	.080	.068	.102	.078	.069	.071	.074	.064	.068	.25.6	
39	370651	923433	Mansfield; Well 3	1,432	1,480	550	.4	.141	.082	.212	.209	.226	.243	.179	.183	.162	.158	.214	.172	.66.5	
40	370711	923420	Mansfield; Well 4	1,435	1,550	600	7.3	.086	.163	.000	.000	.000	.006	.098	.124	.082	.082	.036	.076	.22.7	
41	370610	923326	Mansfield Nursing	1,485	250	80	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
42	370812	921556	Mountain Grove; Well 3	1,467	1,520	350	2.9	.087	.097	.087	.090	.087	.090	.087	.087	.090	.087	.090	.087	.087	32.5
43	370807	921520	Mountain Grove; Well 4	1,480	1,550	613	1.7	.087	.097	.087	.090	.087	.090	.087	.087	.090	.087	.090	.087	.087	32.5
44	370712	921541	Mountain Grove; Well 5	1,528	1,575	525	--	.087	.097	.087	.090	.087	.090	.087	.087	.090	.087	.090	.087	.087	32.5
45	370734	921700	Mountain Grove; Well 6	1,493	1,618	600	--	.087	.097	.087	.090	.087	.090	.087	.087	.090	.087	.090	.087	.087	32.5
46	370848	921538	Mountain Grove; Well 7	1,451	1,495	600	--	.087	.097	.087	.090	.087	.090	.087	.087	.090	.087	.090	.087	.087	32.5
47	372329	924958	Niangua; Well 1	1,443	1,050	344	.3	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025	9.13
48	370625	922449	Norwood; Well 1	1,512	1,199	450	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52
49	370631	922502	Norwood; Well 2	1,502	1,450	550	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52
50	374210	915145	Phelps County #1; Well 1	1,205	960	365	2.8	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	18.3	

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)	
								Jan-96	Feb-96	Mar-96	Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	Oct-96	Nov-96	Dec-96		
Wells located inside the study area—Continued																					
51	374612	921719	Pulaski County #1; Well 1	1,049	885	500	--	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	31.9	
52	374705	921543	Pulaski County #1; Well 3	1,157	1,000	500	--	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	31.9
53	374507	921837	Pulaski County #1; Well 4	1,220	1,000	505	--	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	31.9
54	374717	921607	Pulaski County #1; Well 5	1,120	1,130	585	--	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	31.9
55	374940	920800	Pulaski County #2; Well 1	1,080	1,000	450	--	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	45.6
56	375036	920858	Pulaski County #2; Well 2	1,060	1,043	380	--	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	45.6
57	374918	920739	Pulaski County #2; Well 3	1,034	975	438	--	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	45.6
58	372012	914951	Raymondville; Well 1	1,335	850	250	--	.014	.016	.014	.015	.014	.015	.014	.015	.014	.015	.014	.015	.014	5.30
59	372108	914936	Raymondville; Well 2	1,362	842	300	--	.014	.016	.014	.015	.014	.015	.014	.014	.015	.014	.015	.014	.014	5.30
60	375706	914714	Rolla; Well 6	1,055	1,215	378	--	.120	.154	.143	.145	.164	.143	.116	.111	.139	.163	.144	.114	.114	50.3
61	375632	914722	Rolla; Well 9	1,115	1,119	315	--	.294	.205	.173	.150	.206	.270	.503	.545	.442	.000	.321	.437	108	
62	370655	923740	Shady Oak MHP; Well 1	1,552	550	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37
63	370653	923740	Shady Oak MHP; Well 2	1,561	--	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37
64	374932	921016	St. Robert; Well 1a	1,090	945	476	--	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	37.6
65	374949	921038	St. Robert; Well 2	1,064	1,050	449	--	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	76.3
66	374930	920843	St. Robert; Well 3	1,150	1,150	500	--	.208	.208	.208	.208	.208	.208	.208	.208	.208	.208	.208	.208	.208	75.9
67	374912	920834	St. Robert; Well 4	1,099	975	450	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37
68	372647	920522	Texas County #1; Well 1	1,368	1,300	452	--	.034	.040	.031	.034	.031	.044	.044	.028	.022	.040	.030	.043	.049	12.9
69	373206	920736	Texas County #1; Well 2	1,460	1,100	500	--	.118	.125	.101	.118	.121	.121	.146	.107	.067	.126	.143	.138	.136	43.9
70	372056	920414	Texas County #1; Well 3	1,450	1,200	515	--	.059	.068	.057	.060	.064	.069	.044	.033	.069	.072	.062	.065	.065	21.9
71	372042	915510	Texas County #2; Well 1	1,313	1,046	275	--	.078	.126	.028	.032	.050	.020	.033	.032	.022	.015	.029	.020	.020	14.5
72	372142	915513	Texas County #2; Well 2	1,293	1,180	470	--	.053	.028	.077	.077	.058	.087	.098	.092	.086	.094	.075	.094	.094	28.1
73	371702	915307	Texas County #3; Well 1	1,370	1,204	485	--	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	10.2
74	372848	915101	Texas County #4; Well 1	1,362	1,160	593	--	.109	.147	.095	.063	.080	.057	.074	.065	.075	.092	.063	.134	.134	32.0
75	375305	914730	Vista View Mobile Villa	920	245	102	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46
76	374948	921205	Waynesville; Well 1	795	850	150	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
77	374938	921230	Waynesville; Well 2	790	900	191	--	.238	.296	.210	.229	.210	.244	.240	.269	.275	.263	.273	.278	.91.9	
78	374848	921321	Waynesville; Well 3	834	865	250	--	.126	.142	.108	.099	.113	.129	.133	.124	.128	.106	.108	.108	.108	.43.2
79	374930	921146	Waynesville; Well 4c	985	1,030	435	--	.051	.062	.045	.056	.050	.054	.072	.069	.067	.051	.055	.058	.21.0	
80	374843	921408	Waynesville; Well 5	878	950	360	--	.140	.170	.127	.155	.135	.159	.158	.165	.168	.140	.144	.143	.14.8	
Cumulative average daily pumping rate and annual pumpage, 1996								5.04	5.36	4.83	4.89	5.05	5.48	5.70	5.54	5.44	4.91	5.31	5.43	1,920	

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	
Wells located inside the study area—Continued																				
1	374857	920825	Bel-Air TP; Well 1	1,071	425	120	--	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	2.74
2	374902	920824	Bel-Air TP; Well 2	1,077	410	120	--	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	2.74
3	370719	920607	Cabool; Well 3	1,262	700	300	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
4	370736	920552	Cabool; Well 4	1,278	1,359	441	0.8	.061	.090	.185	.205	.193	.217	.280	.310	.071	.061	.045	.093	55.4
5	370751	920648	Cabool; Well 5	1,357	1,300	441	2.6	.083	.077	.148	.137	.162	.150	.235	.271	.041	.101	.044	.075	46.7
6	370720	920739	Cabool; Well 6	1,338	1,000	450	--	.235	.169	.101	.117	.122	.177	.204	.261	.223	.187	.166	.120	63.4
7	374801	920823	Chimney & Lakeview TP	1,081	800	380	--	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	1.10
8	372955	924918	Conway; Well 1	1,405	954	303	--	.035	.035	.035	.035	.035	.035	.035	.035	.035	.035	.035	.035	12.8
9	370811	920942	Country Aire MHP	1,420	540	425	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.68
10	375554	914659	Deer Run Apartments	1,110	535	182	--	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.73
11	375926	920558	Dixon; Well 3	1,195	1,175	425	--	.090	.065	.064	.064	.068	.065	.067	.067	.068	.065	.067	.063	24.7
12	374633	920822	FLW Indiana Street Well	1,122	1,025	440	--	.098	.015	.039	.076	.162	.169	.301	.100	.028	.092	.035	.000	34.2
13	374103	920928	FLW New Range Control Well	1,149	692	295	--	--	--	--	--	--	--	--	--	--	--	--	--	--
14	374107	920911	FLW Range Control Well	1,120	290	82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15	374313	920652	FLW Ammo Dump Well	1,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16	374305	920426	FLW Quarry	805	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	374312	920648	FLW New Ammo Dump Well	1,092	600	488	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	373857	921255	FLW Cannon Range Well	1,125	400	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	374358	920412	FLW Golf Course Well	870	187	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20	374428	920300	FLW Bridge Training Area Well	820	773	223	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21	374935	920843	Green Acres; Well 1	1,141	500	147	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
22	374941	920849	Green Acres; Well 2	1,080	--	--	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
23	371508	923060	Hartville; Well 1	1,308	785	364	8.3	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
24	371526	923031	Hartville; Well 2	1,330	1,152	200	--	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	.055	20.1
25	374648	921316	High Point Estates	1,074	990	585	--	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	1.10
26	374814	921228	Highway H Development	1,013	850	360	--	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	.020	7.30
27	375052	920532	Holland Hills; Well 2	1,036	485	180	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37
28	371908	915747	Houston; Well 2	1,223	1,150	355	2.7	.094	.094	.094	.094	.094	.094	.094	.094	.094	.094	.094	.094	34.3
29	371828	915748	Houston; Well 3	1,280	1,167	450	3.7	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	48.9
30	372024	915645	Houston; Well 4	1,279	1,200	450	--	.108	.108	.108	.108	.108	.108	.108	.108	.108	.108	.108	.108	39.4
31	374852	923041	Laclede County #2; Well 1	1,162	1,235	350	1.0	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	.036	13.1
32	373326	924655	Laclede County #3; Well 1	1,425	700	425	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
33	373955	923606	Laclede County #3; Well 3	1,332	1,275	575	.5	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
34	373530	924328	Laclede County #3; Well 4	1,405	1,275	630	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
35	373324	924654	Laclede County #3; Well 5	1,423	1,300	425	4.1	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	
Wells located inside the study area—Continued																				
36	374006	923621	Laclede County #3; Well 6	1,309	1,297	552	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
37	372939	915149	Licking; Well 2	1,290	903	325	1.4	.098	.087	.094	.086	.112	.098	.115	.091	.095	.090	.111	.099	35.8
38	372947	915122	Licking; Well 1	1,270	931	310	1.4	.071	.072	.065	.074	.062	.071	.071	.088	.090	.071	.050	.055	25.6
39	370651	923433	Mansfield; Well 3	1,432	1,480	550	.4	.080	.052	.065	.134	.167	.181	.191	.008	.003	.026	.138	.146	36.3
40	370711	923420	Mansfield; Well 4	1,435	1,550	600	7.3	.199	.226	.215	.153	.148	.154	.170	.326	.345	.294	.149	.143	76.7
41	370610	923326	Mansfield Nursing	1,485	250	80	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46
42	370812	921556	Mountain Grove; Well 3	1,467	1,520	350	2.9	.097	.107	.097	.100	.097	.100	.097	.097	.100	.097	.100	.097	35.9
43	370807	921520	Mountain Grove; Well 4	1,480	1,550	613	1.7	.073	.081	.073	.076	.073	.076	.073	.073	.076	.073	.076	.073	27.3
44	370712	921541	Mountain Grove; Well 5	1,528	1,575	525	--	.062	.068	.062	.064	.062	.064	.062	.062	.064	.062	.064	.062	22.9
45	370734	921700	Mountain Grove; Well 6	1,493	1,618	600	--	.142	.157	.142	.146	.142	.146	.142	.142	.146	.142	.146	.142	52.7
46	370848	921538	Mountain Grove; Well 7	1,451	1,495	600	--	.155	.172	.155	.160	.155	.160	.155	.155	.160	.155	.160	.155	57.7
47	372329	924958	Niangua; Well 1	1,443	1,050	344	.3	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025	.025	9.13
48	370625	922449	Norwood; Well 1	1,512	1,199	450	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52
49	370631	922502	Norwood; Well 2	1,502	1,450	550	1.6	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52
50	374210	915145	Phelps County #1; Well 1	1,205	960	365	2.8	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	18.3
51	374612	921719	Pulaski County #1; Well 1	1,049	885	500	--	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	31.9
52	374705	921543	Pulaski County #1; Well 3	1,157	1,000	500	--	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	31.9
53	374507	921837	Pulaski County #1; Well 4	1,220	1,000	505	--	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	31.9
54	374717	921607	Pulaski County #1; Well 5	1,120	1,130	585	--	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	.088	31.9
55	374940	920800	Pulaski County #2; Well 1	1,080	1,000	450	--	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	45.6
56	375036	920858	Pulaski County #2; Well 2	1,060	1,043	380	--	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	45.6
57	374918	920739	Pulaski County #2; Well 3	1,034	975	438	--	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	.125	45.6
58	372012	914951	Raymondville; Well 1	1,335	850	250	--	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	6.02
59	372108	914936	Raymondville; Well 2	1,362	842	300	--	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	.017	6.02
60	375706	914714	Rolla; Well 6	1,055	1,215	378	--	.114	.121	.158	.187	.158	.142	.175	.189	.145	.168	.121	.147	55.6
61	375632	914722	Rolla; Well 9	1,115	1,119	315	--	.409	.443	.110	.000	.091	.273	.332	.325	.363	.265	.294	.288	96.7
62	370655	923740	Shady Oak MHP; Well 1	1,552	550	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37
63	370653	923740	Shady Oak MHP; Well 2	1,561	--	--	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37
64	374932	921016	St. Robert; Well 1a	1,090	945	476	--	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	.103	37.6
65	374949	921038	St. Robert; Well 2	1,064	1,050	449	--	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	76.3
66	374930	920843	St. Robert; Well 3	1,150	1,150	500	--	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	.209	76.3
67	374912	920834	St. Robert; Well 4	1,099	975	450	--	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.37
68	372647	920522	Texas County #1; Well 1	1,368	1,300	452	--	.065	.053	.056	.055	.064	.092	.086	.111	.096	.095	.076	.067	27.9
69	373206	920736	Texas County #1; Well 2	1,460	1,100	500	--	.123	.100	.111	.108	.125	.124	.160	.096	.084	.089	.079	.103	39.7
70	372056	920414	Texas County #1; Well 3	1,450	1,200	515	--	.064	.053	.049	.048	.051	.045	.061	.058	.059	.060	.049	.030	19.0

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	
Wells located inside the study area—Continued																				
71	372042	915510	Texas County #2; Well 1	1,313	1,046	275	--	.033	.022	.015	.012	.015	.024	.028	.042	.023	.022	.011	.014	7.96
72	372142	915513	Texas County #2; Well 2	1,293	1,180	470	--	.071	.112	.079	.088	.091	.095	.084	.095	.093	.083	.083	.085	32.1
73	371702	915307	Texas County #3; Well 1	1,370	1,204	485	--	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	.028	10.2
74	372848	915101	Texas County #4; Well 1	1,362	1,160	593	--	.246	.166	.070	.100	.159	.039	.116	.096	.076	.060	.071	.070	38.5
75	375305	914730	Vista View Mobile Villa	920	245	102	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46
76	374948	921205	Waynesville; Well 1	795	850	150	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
77	374938	921230	Waynesville; Well 2	790	900	191	--	.259	.310	.238	.277	.252	.238	.237	.226	.226	.231	.219	.213	88.8
78	374848	921321	Waynesville; Well 3	834	865	250	--	.113	.127	.091	.122	.127	.124	.141	.160	.160	.152	.147	.137	48.7
79	374930	921146	Waynesville; Well 4c	985	1,030	435	--	.060	.061	.046	.053	.059	.054	.066	.042	.049	.051	.042	.036	18.8
80	374843	921408	Waynesville; Well 5	878	950	360	--	.149	.173	.128	.148	.163	.147	.181	.202	.211	.208	.232	.232	66.1
Cumulative average daily pumping rate and annual pumpage, 1997								5.71	5.63	5.11	5.25	5.54	5.68	6.29	6.15	5.55	5.46	5.23	5.20	2,030
Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Semi- annual pumpage (MG)
								Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98							
Wells located inside the study area—Continued																				
1	374857	920825	Bel-Air TP; Well 1	1,071	425	120	--	.008	.008	.008	.008	.008	.008	.008	.008					1.36
2	374902	920824	Bel-Air TP; Well 2	1,077	410	120	--	.008	.008	.008	.008	.008	.008	.008	.008					1.36
3	370719	920607	Cabool; Well 3	1,262	700	300	--	.000	.000	.000	.000	.000	.000	.000	.000					.00
4	370736	920552	Cabool; Well 4	1,278	1,359	441	0.8	.118	.116	.108	.114	.135	.112							21.2
5	370751	920648	Cabool; Well 5	1,357	1,300	441	2.6	.092	.094	.092	.092	.120	.123							18.5
6	370720	920739	Cabool; Well 6	1,338	1,000	450	--	.075	.059	.077	.073	.068	.103							13.8
7	374801	920823	Chimney & Lakeview TP	1,081	800	380	--	.003	.003	.003	.003	.003	.003	.003	.003					.54
8	372955	924918	Conway; Well 1	1,405	954	303	--	.035	.035	.035	.035	.035	.035	.035	.035					6.34
9	370811	920942	Country Aire MHP	1,420	540	425	--	.005	.005	.005	.005	.005	.005	.005	.005					.83
10	375554	914659	Deer Run Apartments	1,110	535	182	--	.002	.002	.002	.002	.002	.002	.002	.002					.36
11	375926	920558	Dixon; Well 3	1,195	1,175	425	--	.059	.061	.061	.060	.059	.062							10.9
12	374633	920822	FLW Indiana Street Well	1,122	1,025	440	--	.023	.043	.043	.104	.016	.193							12.6
13	374103	920928	FLW New Range Control Well	1,149	692	295	--	--	--	--	--	--	--	--	--					--
14	374107	920911	FLW Range Control Well	1,120	290	82	--	--	--	--	--	--	--	--	--					--
15	374313	920652	FLW Ammo Dump Well	1,100	--	--	--	--	--	--	--	--	--	--	--					--

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d						Semi- annual pumpage (MG)
								Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	
Wells located inside the study area—Continued														
16	374305	920426	FLW Quarry	805	--	--	--	--	--	--	--	--	--	--
17	374312	920648	FLW New Ammo Dump Well	1,092	600	488	--	--	--	--	--	--	--	--
18	373857	921255	FLW Cannon Range Well	1,125	400	150	--	--	--	--	--	--	--	--
19	374358	920412	FLW Golf Course Well	870	187	--	--	--	--	--	--	--	--	--
20	374428	920300	FLW Bridge Training Area Well	820	773	223	--	--	--	--	--	--	--	--
21	374935	920843	Green Acres; Well 1	1,141	500	147	--	0.015	0.015	0.015	0.015	0.015	0.015	2.72
22	374941	920849	Green Acres; Well 2	1,080	--	--	--	.015	.015	.015	.015	.015	.015	2.72
23	371508	923060	Hartville; Well 1	1,308	785	364	8.3	.055	.055	.055	.055	.055	.055	9.96
24	371526	923031	Hartville; Well 2	1,330	1,152	200	--	.055	.055	.055	.055	.055	.055	9.96
25	374648	921316	High Point Estates	1,074	990	585	--	.003	.003	.003	.003	.003	.003	.54
26	374814	921228	Highway H Development	1,013	850	360	--	.020	.020	.020	.020	.020	.020	3.62
27	375052	920532	Holland Hills; Well 2	1,036	485	180	--	.007	.007	.007	.007	.007	.007	1.18
28	371908	915747	Houston; Well 2	1,223	1,150	355	2.7	.140	.172	.084	.079	.069	.065	18.2
29	371828	915748	Houston; Well 3	1,280	1,167	450	3.7	.120	.088	.091	.080	.090	.100	15.0
30	372024	915645	Houston; Well 4	1,279	1,200	450	--	.032	.107	.076	.090	.126	.152	17.5
31	374852	923041	Laclede County #2; Well 1	1,162	1,235	350	1.0	.036	.036	.036	.036	.036	.036	6.50
32	373326	924655	Laclede County #3; Well 1	1,425	700	425	--	.083	.083	.083	.083	.083	.083	15.1
33	373955	923606	Laclede County #3; Well 3	1,332	1,275	575	.5	.083	.083	.083	.083	.083	.083	15.1
34	373530	924328	Laclede County #3; Well 4	1,405	1,275	630	--	.083	.083	.083	.083	.083	.083	15.1
35	373324	924654	Laclede County #3; Well 5	1,423	1,300	425	4.1	.083	.083	.083	.083	.083	.083	15.1
36	374006	923621	Laclede County #3; Well 6	1,309	1,297	552	--	.083	.083	.083	.083	.083	.083	15.1
37	372939	915149	Licking; Well 2	1,290	903	325	1.4	.092	.090	.067	.043	.074	.041	12.3
38	372947	915122	Licking; Well 1	1,270	931	310	1.4	.058	.068	.088	.148	.096	.134	17.9
39	370651	923433	Mansfield; Well 3	1,432	1,480	550	.4	.118	.118	.118	.118	.118	.118	21.4
40	370711	923420	Mansfield; Well 4	1,435	1,550	600	7.3	.118	.118	.118	.118	.118	.118	21.4
41	370610	923326	Mansfield Nursing	1,485	250	80	--	.004	.004	.004	.004	.004	.004	.72
42	370812	921556	Mountain Grove; Well 3	1,467	1,520	350	2.9	.080	.080	.080	.080	.080	.080	14.5
43	370807	921520	Mountain Grove; Well 4	1,480	1,550	613	1.7	.080	.080	.080	.080	.080	.080	14.5
44	370712	921541	Mountain Grove; Well 5	1,528	1,575	525	--	.080	.080	.080	.080	.080	.080	14.5
45	370734	921700	Mountain Grove; Well 6	1,493	1,618	600	--	.080	.080	.080	.080	.080	.080	14.5
46	370848	921538	Mountain Grove; Well 7	1,451	1,495	600	--	.080	.080	.080	.080	.080	.080	14.5
47	372329	924958	Niangua; Well 1	1,443	1,050	344	.3	.025	.025	.025	.025	.025	.025	4.53
48	370625	922449	Norwood; Well 1	1,512	1,199	450	1.6	.023	.023	.023	.023	.023	.023	4.22
49	370631	922502	Norwood; Well 2	1,502	1,450	550	1.6	.023	.023	.023	.023	.023	.023	4.22
50	374210	915145	Phelps County #1; Well 1	1,205	960	365	2.8	.050	.050	.050	.050	.050	.050	9.05

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d <sup>1</sup>						Semi- annual pumpage (MG)
								Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	
Wells located inside the study area—Continued														
51	374612	921719	Pulaski County #1; Well 1	1,049	885	500	--	0.088	0.088	0.088	0.088	0.088	0.088	15.8
52	374705	921543	Pulaski County #1; Well 3	1,157	1,000	500	--	.088	.088	.088	.088	.088	.088	15.8
53	374507	921837	Pulaski County #1; Well 4	1,220	1,000	505	--	.088	.088	.088	.088	.088	.088	15.8
54	374717	921607	Pulaski County #1; Well 5	1,120	1,130	585	--	.088	.088	.088	.088	.088	.088	15.8
55	374940	920800	Pulaski County #2; Well 1	1,080	1,000	450	--	.125	.125	.125	.125	.125	.125	22.6
56	375036	920858	Pulaski County #2; Well 2	1,060	1,043	380	--	.125	.125	.125	.125	.125	.125	22.6
57	374918	920739	Pulaski County #2; Well 3	1,034	975	438	--	.125	.125	.125	.125	.125	.125	22.6
58	372012	914951	Raymondville; Well 1	1,335	850	250	--	.017	.017	.017	.017	.017	.017	2.99
59	372108	914936	Raymondville; Well 2	1,362	842	300	--	.017	.017	.017	.017	.017	.017	2.99
60	375706	914714	Rolla; Well 6	1,055	1,215	378	--	.147	.134	.079	.107	.143	.120	22.0
61	375632	914722	Rolla; Well 9	1,115	1,119	315	--	.242	.243	.221	.229	.243	.313	45.0
62	370655	923740	Shady Oak MHP; Well 1	1,552	550	--	--	.001	.001	.001	.001	.001	.001	.18
63	370653	923740	Shady Oak MHP; Well 2	1,561	--	--	--	.001	.001	.001	.001	.001	.001	.18
64	374932	921016	St. Robert; Well 1a	1,090	945	476	--	.103	.103	.103	.103	.103	.103	18.6
65	374949	921038	St. Robert; Well 2	1,064	1,050	449	--	.209	.209	.209	.209	.209	.209	37.8
66	374930	920843	St. Robert; Well 3	1,150	1,150	500	--	.209	.209	.209	.209	.209	.209	37.8
67	374912	920834	St. Robert; Well 4	1,099	975	450	--	.001	.001	.001	.001	.001	.001	.18
68	372647	920522	Texas County #1; Well 1	1,368	1,300	452	--	.070	.056	.045	.039	.047	.044	9.08
69	373206	920736	Texas County #1; Well 2	1,460	1,100	500	--	.117	.118	.110	.115	.119	.117	21.0
70	372056	920414	Texas County #1; Well 3	1,450	1,200	515	--	.041	.021	.038	.040	.038	.039	6.60
71	372042	915510	Texas County #2; Well 1	1,313	1,046	275	--	.018	.019	.012	.006	.009	.025	2.67
72	372142	915513	Texas County #2; Well 2	1,293	1,180	470	--	.079	.076	.084	.080	.082	.089	14.8
73	371702	915307	Texas County #3; Well 1	1,370	1,204	485	--	.028	.028	.028	.028	.028	.028	5.07
74	372848	915101	Texas County #4; Well 1	1,362	1,160	593	--	.068	.070	.037	.040	.038	.095	10.5
75	375305	914730	Vista View Mobile Villa	920	245	102	--	.004	.004	.004	.004	.004	.004	.72
76	374948	921205	Waynesville; Well 1	795	850	150	--	.000	.000	.000	.000	.000	.000	.00
77	374938	921230	Waynesville; Well 2	790	900	191	--	.268	.255	.209	.268	.228	.232	44.0
78	374848	921321	Waynesville; Well 3	834	865	250	--	.169	.174	.152	.188	.155	.176	30.6
79	374930	921146	Waynesville; Well 4c	985	1,030	435	--	.043	.045	.042	.053	.058	.065	9.24
80	374843	921408	Waynesville; Well 5	878	950	360	--	.221	.172	.158	.167	.153	.175	31.6
Cumulative average daily pumping rate and semi-annual pumpage, 1998								5.05	4.96	4.73	4.97	4.92	5.34	904

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-93	Feb-93	Mar-93	Apr-93	May-93	Jun-93	Jul-93	Aug-93	Sep-93	Oct-93	Nov-93	Dec-93	
Wells located inside a 6-mile wide band surrounding the study area																				
81	372950	924945	Conway; Well 2	1,404	1,150	352	--	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	11.0	
82	375721	921546	Crocker; Well 3	1,145	995	210	--	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	39.7	
83	375700	921557	Crocker; Well 2	1,068	903	350	--	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	.050	18.2	
84	375636	921560	Crocker; Well 1	1,125	950	450	--	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.69	
85	371024	925108	Diggins; Well 1	1,658	1,100	204	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48	
86	371025	925108	Diggins; Well 2	1,660	1,260	902	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48	
87	375939	920557	Dixon; Park Well	1,185	889	470	--	.023	.024	.022	.041	.049	.051	.055	.047	.044	.060	.077	.088	17.7
88	375949	920620	Dixon; Well 2	1,178	1,000	400	--	.066	.067	.056	.059	.064	.054	.061	.066	.063	.068	.068	.070	23.2
89	372112	925551	Fountain Plaza MHP	1,465	--	--	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65	
90	372055	925546	Gaslight Village	1,479	360	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
91	374241	923945	Laclede County #1; Well 1	1,282	1,150	630	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
92	374200	924322	Laclede County #1; Well 2	1,267	1,100	501	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
93	373731	924404	Laclede County #1; Well 3	1,358	1,325	520	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
94	374217	924006	Laclede County #1; Well 4	1,258	1,205	500	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
95	373523	924427	Laclede County #1; Well 5	1,407	1,755	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
96	374515	924023	Laclede County #1; Well 6	1,226	979	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
97	373550	924118	Laclede County #3; Well 2	1,365	1,215	525	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4	
98	375657	915220	Lakeside Estates	--	450	300	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37	
99	374025	923931	Lebanon; Well 3	1,276	1,763	556	--	.001	.000	.000	.009	.010	.035	.020	.028	.016	.000	.000	.002	3.73
100	374115	924032	Lebanon; Well 4	1,222	1,170	--	--	.011	.015	.034	.025	.001	.006	.004	.003	.001	.004	.000	.001	3.21
101	373936	923920	Lebanon; Well 5	1,294	1,763	556	--	.024	.022	.027	.025	.031	.027	.032	.034	.028	.034	.049	.042	11.4
102	374128	923947	Lebanon; Well 6	1,264	1,825	590	--	.042	.050	.031	.041	.055	.062	.080	.077	.076	.081	.077	.077	22.8
103	374000	924017	Lebanon; Well 7	1,266	1,780	562	--	.070	.069	.065	.062	.072	.062	.064	.071	.061	.062	.056	.050	23.3
104	375457	914608	Little Oaks MHP	--	--	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
105	372022	925422	Marshfield; Well 2	1,471	1,339	363	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
106	371958	925535	Marshfield; Well 3	1,478	1,420	425	--	.071	.078	.071	.073	.071	.073	.071	.071	.073	.071	.073	.071	26.3
107	371956	925410	Marshfield; Well 4	1,486	1,300	560	--	.421	.466	.421	.435	.421	.435	.421	.421	.435	.421	.435	.421	157
108	375842	914435	Northgate MHP	1,190	455	127	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	
109	370616	922460	Norwood; Well 3	1,525	1,475	600	--	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
110	375517	914633	Ozark Terrace	--	490	60	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.83	
111	375901	914511	Phelps County #2 North; Well 1	--	1,075	505	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85	
112	375813	914745	Phelps County #2 North; Well 2	--	1,250	520	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85	
113	375817	914403	Phelps County #2 South; Well 1	1,193	1,050	425	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6	
114	375820	914245	Phelps County #2 South; Well 2	1,180	1,150	435	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6	
115	375126	922419	Richland; Well 1	--	--	--	--	.096	.106	.096	.099	.096	.096	.099	.096	.099	.096	.096	35.7	

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-93	Feb-93	Mar-93	Apr-93	May-93	Jun-93	Jul-93	Aug-93	Sep-93	Oct-93	Nov-93	Dec-93	
Wells located inside a 6-mile wide band surrounding the study area—Continued																				
116	375120	922341	Richland; Well 2	--	--	--	--	.096	.106	.096	.099	.096	.099	.096	.096	.099	.096	.099	.096	35.7
117	375146	922326	Richland; Well 3	--	--	--	--	.096	.106	.096	.099	.096	.099	.096	.096	.099	.096	.099	.096	35.7
118	375648	914620	Rolla; Well 2	--	1,745	395	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
119	375727	914542	Rolla; Well 3	--	1,169	392	--	.134	.112	.117	.155	.118	.124	.158	.156	.139	.119	.124	.143	48.7
120	375706	914525	Rolla; Well 4	--	1,060	231	--	.133	.148	.131	.136	.132	.155	.169	.145	.129	.129	.131	.131	50.8
121	375642	914647	Rolla; Well 5	--	1,133	280	--	.111	.165	.149	.174	.110	.190	.216	.198	.176	.168	.128	.127	58.1
122	375625	914624	Rolla; Well 7	--	1,107	292	--	.083	.097	.121	.104	.099	.118	.103	.131	.139	.096	.101	.098	39.2
123	375615	914529	Rolla; Well 8	--	1,582	280	--	.050	.023	.065	.071	.060	.058	.079	.075	.062	.075	.059	.046	22.1
124	375742	914609	Rolla; Well 10	--	1,123	323	--	.156	.167	.161	.161	.152	.193	.209	.181	.196	.156	.139	.190	62.8
125	375910	914339	Rolla; Industrial Park 1	1,196	1,155	400	--	.045	.051	.052	.073	.080	.098	.121	.149	.060	.094	.054	.087	29.5
126	375847	914324	Rolla; Industrial Park 2	--	1,155	400	--	.063	.060	.058	.045	.090	.097	.191	.108	.063	.066	.077	.053	29.6
127	375732	914438	Rolla; Well 11	--	1,139	325	--	.235	.264	.223	.279	.200	.274	.321	.327	.261	.285	.233	.233	95.3
128	375815	914441	Rolla; Well 12	1,180	1,370	430	--	.153	.169	.158	.163	.159	.130	.000	.100	.155	.147	.157	.100	48.2
129	375642	914429	Rolla; Well 13	1,020	1,200	400	--	.314	.258	.309	.290	.275	.310	.346	.321	.355	.280	.280	.312	111
130	375546	914542	Rolla; Well 14	--	1,016	350	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
131	370906	924560	Seymour; Well 2	--	1,235	316	--	.119	.119	.119	.119	.119	.119	.119	.119	.119	.119	.119	43.3	
132	370845	924611	Seymour; Well 1	1,650	1,235	300	--	.119	.119	.119	.119	.119	.119	.119	.119	.119	.119	.119	43.3	
133	375911	914144	Shady Lane TP	1,065	465	235	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.28	
134	375535	914400	Stately Mansion MHP	1,040	670	250	--	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	4.75	
135	372959	914947	Texas County #4; Well 2	1,388	1,200	500	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
136	380014	914320	Whispering Pines Subdivision	--	550	400	--	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	5.11	
137	375804	914637	Whitson Scenic View MHP	--	437	28	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65	
138	370001	915806	Willow Springs; Well 2	1,310	1,495	505	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
139	365930	915814	Willow Springs; Well 3	--	1,545	524	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
140	365910	915842	Willow Springs; Well 4	--	1,600	475	--	.201	.200	.186	.215	.215	.221	.242	.248	.238	.229	.218	.224	80.2
141	375760	914644	Woodcrest MHP	--	750	400	--	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	10.6	
Cumulative average daily pumping rate and annual pumpage, 1993								4.10	4.23	4.15	4.34	4.15	4.47	4.65	4.65	4.47	4.33	4.24	4.26	1,580

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)	
								Jan-94	Feb-94	Mar-94	Apr-94	May-94	Jun-94	Jul-94	Aug-94	Sep-94	Oct-94	Nov-94	Dec-94		
Wells located inside a 6-mile wide band surrounding the study area—Continued																					
81	372950	924945	Conway; Well 2	1,404	1,150	352	--	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	11.0	
82	375721	921546	Crocker; Well 3	1,145	995	210	--	.116	.116	.116	.116	.116	.116	.116	.116	.116	.116	.116	.116	42.2	
83	375700	921557	Crocker; Well 2	1,068	903	350	--	.044	.044	.044	.044	.044	.044	.044	.044	.044	.044	.044	.044	16.0	
84	375636	921560	Crocker; Well 1	1,125	950	450	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
85	371024	925108	Diggins; Well 1	1,658	1,100	204	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48	
86	371025	925108	Diggins; Well 2	1,660	1,260	902	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48	
87	375939	920557	Dixon; Park Well	1,185	889	470	--	.079	.034	.038	.047	.056	.069	.028	.051	.046	.053	.030	.030	17.1	
88	375949	920620	Dixon; Well 2	1,178	1,000	400	--	.070	.067	.067	.066	.065	.071	.068	.040	.042	.029	.040	.074	21.3	
89	372112	925551	Fountain Plaza MHP	1,465	--	--	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65	
90	372055	925546	Gaslight Village	1,479	360	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
91	374241	923945	Laclede County #1; Well 1	1,282	1,150	630	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
92	374200	924322	Laclede County #1; Well 2	1,267	1,100	501	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
93	373731	924404	Laclede County #1; Well 3	1,358	1,325	520	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
94	374217	924006	Laclede County #1; Well 4	1,258	1,205	500	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
95	373523	924427	Laclede County #1; Well 5	1,407	1,755	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
96	374515	924023	Laclede County #1; Well 6	1,226	979	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
97	373550	924118	Laclede County #3; Well 2	1,365	1,215	525	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4	
98	375657	915220	Lakeside Estates	--	450	300	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37	
99	374025	923931	Lebanon; Well 3	1,276	1,763	556	--	.002	.007	.017	.068	.071	.070	.069	.069	.072	.071	.072	.071	.071	20.1
100	374115	924032	Lebanon; Well 4	1,222	1,170	--	--	.000	.000	.000	.004	.003	.027	.004	.009	.007	.016	.005	.006	2.46	
101	373936	923920	Lebanon; Well 5	1,294	1,763	556	--	.034	.046	.029	.029	.031	.036	.036	.040	.038	.028	.031	.028	12.3	
102	374128	923947	Lebanon; Well 6	1,264	1,825	590	--	.075	.076	.075	.067	.069	.045	.070	.069	.067	.061	.066	.061	24.3	
103	374000	924017	Lebanon; Well 7	1,266	1,780	562	--	.062	.063	.057	.026	.030	.042	.045	.049	.037	.028	.020	.022	14.6	
104	375457	914608	Little Oaks MHP	--	--	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
105	372022	925422	Marshfield; Well 2	1,471	1,339	363	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
106	371958	925535	Marshfield; Well 3	1,478	1,420	425	--	.146	.162	.146	.151	.146	.151	.146	.146	.151	.146	.151	.146	54.3	
107	371956	925410	Marshfield; Well 4	1,486	1,300	560	--	.477	.528	.477	.493	.477	.493	.477	.477	.493	.477	.493	.477	.478	
108	375842	914435	Northgate MHP	1,190	455	127	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.83	
109	370616	922460	Norwood; Well 3	1,525	1,475	600	--	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
110	375517	914633	Ozark Terrace	--	490	60	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005		
111	375901	914511	Phelps County #2 North; Well 1	--	1,075	505	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85	
112	375813	914745	Phelps County #2 North; Well 2	--	1,250	520	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85	
113	375817	914403	Phelps County #2 South; Well 1	1,193	1,050	425	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6	
114	375820	914245	Phelps County #2 South; Well 2	1,180	1,150	435	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6	
115	375126	922419	Richland; Well 1	--	--	--	--	.096	.106	.096	.099	.096	.099	.096	.099	.096	.099	.096	.096	35.7	

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-94	Feb-94	Mar-94	Apr-94	May-94	Jun-94	Jul-94	Aug-94	Sep-94	Oct-94	Nov-94	Dec-94	
Wells located inside a 6-mile wide band surrounding the study area—Continued																				
116	375120	922341	Richland; Well 2	--	--	--	--	0.096	0.106	0.096	0.099	0.096	0.099	0.096	0.096	0.099	0.096	0.099	0.096	35.7
117	375146	922326	Richland; Well 3	--	--	--	--	.096	.106	.096	.099	.096	.099	.096	.096	.099	.096	.099	.096	35.7
118	375648	914620	Rolla; Well 2	--	1,745	395	--	.000	.000	.000	.000	.016	.061	.058	.048	.051	.052	.047	.028	11.0
119	375727	914542	Rolla; Well 3	--	1,169	392	--	.132	.146	.162	.133	.130	.153	.162	.143	.168	.145	.131	.127	52.6
120	375706	914525	Rolla; Well 4	--	1,060	231	--	.132	.121	.171	.138	.142	.141	.166	.162	.162	.113	.126	.144	52.3
121	375642	914647	Rolla; Well 5	--	1,133	280	--	.027	.000	.050	.175	.162	.221	.171	.177	.182	.116	.142	.087	46.0
122	375625	914624	Rolla; Well 7	--	1,107	292	--	.053	.129	.124	.126	.101	.095	.133	.116	.107	.085	.094	.087	37.9
123	375615	914529	Rolla; Well 8	--	1,582	280	--	.046	.064	.077	.065	.064	.000	.045	.082	.085	.054	.000	.000	17.7
124	375742	914609	Rolla; Well 10	--	1,123	323	--	.164	.151	.216	.121	.160	.165	.211	.209	.214	.146	.160	.159	63.2
125	375910	914339	Rolla; Industrial Park 1	1,196	1,155	400	--	.035	.063	.092	.118	.192	.117	.090	.092	.093	.076	.092	.100	35.3
126	375847	914324	Rolla; Industrial Park 2	--	1,155	400	--	.059	.042	.100	.123	.123	.189	.136	.111	.074	.080	.086	.086	36.9
127	375732	914438	Rolla; Well 11	--	1,139	325	--	.248	.274	.276	.250	.250	.299	.350	.363	.327	.237	.249	.200	101
128	375815	914441	Rolla; Well 12	1,180	1,370	430	--	.152	.141	.200	.150	.148	.186	.184	.191	.194	.141	.143	.168	60.9
129	375642	914429	Rolla; Well 13	1,020	1,200	400	--	.234	.306	.279	.326	.278	.284	.288	.371	.351	.335	.278	.323	111
130	375546	914542	Rolla; Well 14	--	1,016	350	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	
131	370906	924560	Seymour; Well 2	--	1,235	316	--	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	40.6
132	370845	924611	Seymour; Well 1	1,650	1,235	300	--	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	40.6
133	375911	914144	Shady Lane TP	1,065	465	235	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.28
134	375535	914400	Stately Mansion MHP	1,040	670	250	--	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	4.75
135	372959	914947	Texas County #4; Well 2	1,388	1,200	500	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
136	380014	914320	Whispering Pines Subdivision	--	550	400	--	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	5.11	
137	375804	914637	Whitson Scenic View MHP	--	437	28	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65	
138	370001	915806	Willow Springs; Well 2	1,310	1,495	505	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
139	365930	915814	Willow Springs; Well 3	--	1,545	524	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
140	365910	915842	Willow Springs; Well 4	--	1,600	475	--	.201	.200	.186	.215	.221	.242	.248	.238	.229	.218	.224	80.2	
141	375760	914644	Woodcrest MHP	--	750	400	--	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	10.6	
Cumulative average daily pumping rate and annual pumpage, 1994								4.10	4.32	4.51	4.58	4.60	4.82	4.85	4.94	4.88	4.39	4.36	4.32	1,660

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)	
								Jan-95	Feb-95	Mar-95	Apr-95	May-95	Jun-95	Jul-95	Aug-95	Sep-95	Oct-95	Nov-95	Dec-95		
Wells located inside a 6-mile wide band surrounding the study area—Continued																					
81	372950	924945	Conway; Well 2	1,404	1,150	352	--	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	.030	11.0	
82	375721	921546	Crocker; Well 3	1,145	995	210	--	.116	.116	.116	.116	.116	.116	.116	.116	.116	.116	.116	.116	42.2	
83	375700	921557	Crocker; Well 2	1,068	903	350	--	.044	.044	.044	.044	.044	.044	.044	.044	.044	.044	.044	.044	16.0	
84	375636	921560	Crocker; Well 1	1,125	950	450	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
85	371024	925108	Diggins; Well 1	1,658	1,100	204	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48	
86	371025	925108	Diggins; Well 2	1,660	1,260	902	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48	
87	375939	920557	Dixon; Park Well	1,185	889	470	--	.035	.047	.035	.024	.027	.024	.040	.040	.026	.014	.016	.031	10.9	
88	375949	920620	Dixon; Well 2	1,178	1,000	400	--	.048	.040	.043	.053	.056	.056	.060	.064	.065	.063	.061	.065	20.5	
89	372112	925551	Fountain Plaza MHP	1,465	--	--	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65	
90	372055	925546	Gaslight Village	1,479	360	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
91	374241	923945	Laclede County #1; Well 1	1,282	1,150	630	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
92	374200	924322	Laclede County #1; Well 2	1,267	1,100	501	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
93	373731	924404	Laclede County #1; Well 3	1,358	1,325	520	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
94	374217	924006	Laclede County #1; Well 4	1,258	1,205	500	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
95	373523	924427	Laclede County #1; Well 5	1,407	1,755	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
96	374515	924023	Laclede County #1; Well 6	1,226	979	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1	
97	373550	924118	Laclede County #3; Well 2	1,365	1,215	525	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4	
98	375657	915220	Lakeside Estates	--	450	300	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37	
99	374025	923931	Lebanon; Well 3	1,276	1,763	556	--	.070	.067	.071	.071	.059	.071	.070	.070	.070	.070	.070	.066	.061	24.8
100	374115	924032	Lebanon; Well 4	1,222	1,170	--	--	.007	.011	.006	.025	.009	.019	.044	.070	.063	.018	.007	.002	8.63	
101	373936	923920	Lebanon; Well 5	1,294	1,763	556	--	.032	.032	.033	.018	.032	.034	.040	.044	.038	.033	.032	.032	12.2	
102	374128	923947	Lebanon; Well 6	1,264	1,825	590	--	.062	.060	.063	.059	.069	.072	.064	.059	.052	.071	.075	.078	23.8	
103	374000	924017	Lebanon; Well 7	1,266	1,780	562	--	.023	.023	.025	.028	.024	.020	.022	.009	.008	.026	.032	.027	8.12	
104	375457	914608	Little Oaks MHP	--	--	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
105	372022	925422	Marshfield; Well 2	1,471	1,339	363	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
106	371958	925535	Marshfield; Well 3	1,478	1,420	425	--	.142	.158	.142	.147	.142	.147	.142	.147	.142	.147	.142	.147	52.9	
107	371956	925410	Marshfield; Well 4	1,486	1,300	560	--	.490	.542	.490	.506	.490	.506	.490	.490	.506	.490	.506	.490	182	
108	375842	914435	Northgate MHP	1,190	455	127	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.83	
109	370616	922460	Norwood; Well 3	1,525	1,475	600	--	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
110	375517	914633	Ozark Terrace	--	490	60	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.83	
111	375901	914511	Phelps County #2 North; Well 1	--	1,075	505	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85	
112	375813	914745	Phelps County #2 North; Well 2	--	1,250	520	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85	
113	375817	914403	Phelps County #2 South; Well 1	1,193	1,050	425	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6	
114	375820	914245	Phelps County #2 South; Well 2	1,180	1,150	435	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6	
115	375126	922419	Richland; Well 1	--	--	--	--	.055	.060	.055	.056	.055	.056	.055	.056	.056	.056	.056	.055	20.3	

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-95	Feb-95	Mar-95	Apr-95	May-95	Jun-95	Jul-95	Aug-95	Sep-95	Oct-95	Nov-95	Dec-95	
Wells located inside a 6-mile wide band surrounding the study area—Continued																				
116	375120	922341	Richland; Well 2	--	--	--	--	.055	.060	.055	.056	.055	.056	.055	.055	.056	.055	.056	.055	20.3
117	375146	922326	Richland; Well 3	--	--	--	--	.055	.060	.055	.056	.055	.056	.055	.055	.056	.055	.056	.055	20.3
118	375648	914620	Rolla; Well 2	--	1,745	395	--	.035	.030	.050	.044	.044	.049	.038	.035	.006	.024	.149	.184	21.0
119	375727	914542	Rolla; Well 3	--	1,169	392	--	.124	.140	.126	.108	.090	.128	.129	.158	.159	.132	.110	.109	45.9
120	375706	914525	Rolla; Well 4	--	1,060	231	--	.129	.117	.147	.130	.123	.126	.136	.140	.162	.140	.126	.103	48.1
121	375642	914647	Rolla; Well 5	--	1,133	280	--	.121	.129	.164	.122	.163	.184	.118	.118	.120	.112	.112	.114	49.3
122	375625	914624	Rolla; Well 7	--	1,107	292	--	.083	.104	.096	.096	.076	.096	.091	.098	.106	.097	.075	.075	33.2
123	375615	914529	Rolla; Well 8	--	1,582	280	--	.021	.136	.140	.112	.116	.125	.106	.132	.127	.106	.067	.089	38.7
124	375742	914609	Rolla; Well 10	--	1,123	323	--	.160	.167	.184	.135	.159	.153	.140	.190	.231	.138	.163	.157	60.1
125	375910	914339	Rolla; Industrial Park 1	1,196	1,155	400	--	.042	.065	.065	.045	.058	.000	.000	.124	.070	.069	.087	.105	22.2
126	375847	914324	Rolla; Industrial Park 2	--	1,155	400	--	.079	.053	.024	.000	.061	.178	.163	.128	.068	.079	.083	.177	33.4
127	375732	914438	Rolla; Well 11	--	1,139	325	--	.245	.225	.286	.211	.286	.251	.306	.357	.328	.190	.274	.178	95.5
128	375815	914441	Rolla; Well 12	1,180	1,370	430	--	.120	.160	.144	.143	.143	.173	.119	.192	.206	.196	.131	.152	57.1
129	375642	914429	Rolla; Well 13	1,020	1,200	400	--	.253	.292	.269	.274	.269	.276	.291	.375	.316	.347	.228	.242	104
130	375546	914542	Rolla; Well 14	--	1,016	350	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	
131	370906	924560	Seymour; Well 2	--	1,235	316	--	.104	.104	.104	.104	.104	.104	.104	.104	.104	.104	.104	37.9	
132	370845	924611	Seymour; Well 1	1,650	1,235	300	--	.104	.104	.104	.104	.104	.104	.104	.104	.104	.104	.104	37.9	
133	375911	914144	Shady Lane TP	1,065	465	235	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.28	
134	375535	914400	Stately Mansion MHP	1,040	670	250	--	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	4.75	
135	372959	914947	Texas County #4; Well 2	1,388	1,200	500	--	.000	.000	.130	.000	.000	.000	.000	.006	.056	.046	.059	.081	11.6
136	380014	914320	Whispering Pines Subdivision	--	550	400	--	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	5.11	
137	375804	914637	Whitson Scenic View MHP	--	437	28	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65	
138	370001	915806	Willow Springs; Well 2	1,310	1,495	505	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
139	365930	915814	Willow Springs; Well 3	--	1,545	524	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
140	365910	915842	Willow Springs; Well 4	--	1,600	475	--	.226	.211	.214	.213	.222	.218	.282	.304	.253	.236	.223	.219	85.9
141	375760	914644	Woodcrest MHP	--	750	400	--	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	10.6	
Cumulative average daily pumping rate and annual pumpage, 1995								4.08	4.36	4.48	4.10	4.25	4.45	4.43	4.92	4.72	4.38	4.37	4.45	1,630

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-96	Feb-96	Mar-96	Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	Oct-96	Nov-96	Dec-96	
Wells located inside a 6-mile wide band surrounding the study area—Continued																				
81	372950	924945	Conway; Well 2	1,404	1,150	352	--	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	12.8
82	375721	921546	Crocker; Well 3	1,145	995	210	--	.167	.167	.167	.167	.167	.167	.167	.167	.167	.167	.167	.167	60.8
83	375700	921557	Crocker; Well 2	1,068	903	350	--	.062	.062	.062	.062	.062	.062	.062	.062	.062	.062	.062	.062	22.5
84	375636	921560	Crocker; Well 1	1,125	950	450	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
85	371024	925108	Diggins; Well 1	1,658	1,100	204	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
86	371025	925108	Diggins; Well 2	1,660	1,260	902	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015
87	375939	920557	Dixon; Park Well	1,185	889	470	--	.049	.059	.044	.044	.044	.052	.046	.050	.034	.025	.023	.023	15.0
88	375949	920620	Dixon; Well 2	1,178	1,000	400	--	.062	.059	.053	.055	.054	.056	.060	.060	.059	.057	.056	.059	20.9
89	372112	925551	Fountain Plaza MHP	1,465	--	--	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65
90	372055	925546	Gaslight Village	1,479	360	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46
91	374241	923945	Laclede County #1; Well 1	1,282	1,150	630	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
92	374200	924322	Laclede County #1; Well 2	1,267	1,100	501	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
93	373731	924404	Laclede County #1; Well 3	1,358	1,325	520	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
94	374217	924006	Laclede County #1; Well 4	1,258	1,205	500	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
95	373523	924427	Laclede County #1; Well 5	1,407	1,755	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
96	374515	924023	Laclede County #1; Well 6	1,226	979	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
97	373550	924118	Laclede County #3; Well 2	1,365	1,215	525	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
98	375657	915220	Lakeside Estates	--	450	300	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37
99	374025	923931	Lebanon; Well 3	1,276	1,763	556	--	.069	.072	.066	.058	.010	.062	.068	.065	.065	.061	.061	.059	21.7
100	374115	924032	Lebanon; Well 4	1,222	1,170	--	--	.002	.009	.005	.006	.065	.008	.010	.021	.074	.074	.066	.059	12.1
101	373936	923920	Lebanon; Well 5	1,294	1,763	556	--	.032	.038	.035	.039	.041	.048	.054	.051	.030	.015	.010	.026	12.8
102	374128	923947	Lebanon; Well 6	1,264	1,825	590	--	.078	.074	.077	.076	.065	.075	.076	.071	.060	.062	.066	.057	25.4
103	374000	924017	Lebanon; Well 7	1,266	1,780	562	--	.045	.037	.028	.030	.017	.048	.049	.052	.009	.014	.022	.014	11.2
104	375457	914608	Little Oaks MHP	--	--	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
105	372022	925422	Marshfield; Well 2	1,471	1,339	363	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
106	371958	925535	Marshfield; Well 3	1,478	1,420	425	--	.058	.064	.058	.060	.058	.060	.058	.058	.060	.058	.060	.058	21.6
107	371956	925410	Marshfield; Well 4	1,486	1,300	560	--	.608	.673	.608	.629	.608	.629	.608	.608	.629	.608	.629	.608	226
108	375842	914435	Northgate MHP	1,190	455	127	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.83	
109	370616	922460	Norwood; Well 3	1,525	1,475	600	--	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52	
110	375517	914633	Ozark Terrace	--	490	60	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.83	
111	375901	914511	Phelps County #2 North; Well 1	--	1,075	505	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85	
112	375813	914745	Phelps County #2 North; Well 2	--	1,250	520	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85	
113	375817	914403	Phelps County #2 South; Well 1	1,193	1,050	425	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6	
114	375820	914245	Phelps County #2 South; Well 2	1,180	1,150	435	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6	
115	375126	922419	Richland; Well 1	--	--	--	--	.060	.066	.060	.062	.060	.062	.060	.062	.060	.062	.060	22.1	

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-96	Feb-96	Mar-96	Apr-96	May-96	Jun-96	Jul-96	Aug-96	Sep-96	Oct-96	Nov-96	Dec-96	
Wells located inside a 6-mile wide band surrounding the study area—Continued																				
116	375120	922341	Richland; Well 2	--	--	--	--	0.060	0.066	0.060	0.062	0.060	0.062	0.060	0.060	0.062	0.060	0.062	0.060	22.1
117	375146	922326	Richland; Well 3	--	--	--	--	.060	.066	.060	.062	.060	.062	.060	.060	.062	.060	.062	.060	22.1
118	375648	914620	Rolla; Well 2	--	1,745	395	--	.182	.226	.189	.223	.224	.208	.192	.231	.185	.268	.182	.165	75.3
119	375727	914542	Rolla; Well 3	--	1,169	392	--	.109	.139	.146	.000	.123	.128	.090	.123	.130	.126	.112	.078	39.7
120	375706	914525	Rolla; Well 4	--	1,060	231	--	.103	.135	.122	.128	.141	.040	.133	.129	.101	.091	.120	.113	41.3
121	375642	914647	Rolla; Well 5	--	1,133	280	--	.118	.133	.110	.138	.165	.121	.130	.101	.119	.141	.119	.096	45.3
122	375625	914624	Rolla; Well 7	--	1,107	292	--	.072	.076	.056	.072	.074	.068	.050	.069	.071	.097	.070	.013	23.9
123	375615	914529	Rolla; Well 8	--	1,582	280	--	.061	.004	.060	.054	.074	.053	.062	.031	.032	.031	.051	.061	17.5
124	375742	914609	Rolla; Well 10	--	1,123	323	--	.129	.135	.177	.162	.152	.158	.154	.178	.133	.178	.105	.104	53.7
125	375910	914339	Rolla; Industrial Park 1	1,196	1,155	400	--	.141	.137	.137	.152	.161	.139	.167	.181	.100	.110	.090	.080	48.5
126	375847	914324	Rolla; Industrial Park 2	--	1,155	400	--	.164	.123	.102	.171	.136	.189	.000	.000	.061	.097	.077	.089	36.6
127	375732	914438	Rolla; Well 11	--	1,139	325	--	.204	.273	.244	.253	.275	.250	.232	.281	.228	.232	.208	.196	87.4
128	375815	914441	Rolla; Well 12	1,180	1,370	430	--	.127	.140	.152	.155	.171	.168	.128	.144	.157	.154	.134	.099	52.6
129	375642	914429	Rolla; Well 13	1,020	1,200	400	--	.221	.316	.264	.271	.260	.268	.245	.289	.205	.303	.212	.237	93.9
130	375546	914542	Rolla; Well 14	--	1,016	350	--	.000	.000	.000	.000	.000	.087	.202	.248	.121	.264	.168	.177	38.9
131	370906	924560	Seymour; Well 2	--	1,235	316	--	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	35.2
132	370845	924611	Seymour; Well 1	1,650	1,235	300	--	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	35.2
133	375911	914144	Shady Lane TP	1,065	465	235	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.28
134	375535	914400	Stately Mansion MHP	1,040	670	250	--	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	4.75
135	372959	914947	Texas County #4; Well 2	1,388	1,200	500	--	.064	.135	.063	.113	.103	.115	.144	.092	.086	.124	.066	.160	38.4
136	380014	914320	Whispering Pines Subdivision	--	550	400	--	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	5.11
137	375804	914637	Whitson Scenic View MHP	--	437	28	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65
138	370001	915806	Willow Springs; Well 2	1,310	1,495	505	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
139	365930	915814	Willow Springs; Well 3	--	1,545	524	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
140	365910	915842	Willow Springs; Well 4	--	1,600	475	--	.226	.229	.215	.213	.226	.240	.284	.238	.243	.244	.228	.243	86.1
141	375760	914644	Woodcrest MHP	--	750	400	--	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	10.6
Cumulative average daily pumping rate and annual pumpage, 1996								4.53	4.92	4.62	4.72	4.86	4.88	4.85	4.98	4.61	5.04	4.55	4.48	1,730

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	
Wells located inside a 6-mile wide band surrounding the study area—Continued																				
81	372950	924945	Conway; Well 2	1,404	1,150	352	--	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	12.8
82	375721	921546	Crocker; Well 3	1,145	995	210	--	.154	.154	.154	.154	.154	.154	.154	.154	.154	.154	.154	.154	56.2
83	375700	921557	Crocker; Well 2	1,068	903	350	--	.057	.057	.057	.057	.057	.057	.057	.057	.057	.057	.057	.057	20.8
84	375636	921560	Crocker; Well 1	1,125	950	450	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00
85	371024	925108	Diggins; Well 1	1,658	1,100	204	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
86	371025	925108	Diggins; Well 2	1,660	1,260	902	--	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	.015	5.48
87	375939	920557	Dixon; Park Well	1,185	889	470	--	.009	.028	.039	.043	.035	.046	.046	.035	.033	.030	.036	.036	12.6
88	375949	920620	Dixon; Well 2	1,178	1,000	400	--	.052	.047	.049	.051	.050	.050	.053	.054	.051	.050	.046	.044	18.1
89	372112	925551	Fountain Plaza MHP	1,465	--	--	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65
90	372055	925546	Gaslight Village	1,479	360	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46
91	374241	923945	Laclede County #1; Well 1	1,282	1,150	630	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
92	374200	924322	Laclede County #1; Well 2	1,267	1,100	501	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
93	373731	924404	Laclede County #1; Well 3	1,358	1,325	520	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
94	374217	924006	Laclede County #1; Well 4	1,258	1,205	500	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
95	373523	924427	Laclede County #1; Well 5	1,407	1,755	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
96	374515	924023	Laclede County #1; Well 6	1,226	979	--	--	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	36.1
97	373550	924118	Laclede County #3; Well 2	1,365	1,215	525	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
98	375657	915220	Lakeside Estates	--	450	300	--	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	2.37
99	374025	923931	Lebanon; Well 3	1,276	1,763	556	--	.049	.031	.047	.044	.044	.055	.059	.062	.061	.060	.038	.059	18.6
100	374115	924032	Lebanon; Well 4	1,222	1,170	--	--	.042	.075	.059	.027	.010	.005	.048	.052	.048	.022	.052	.010	13.6
101	373936	923920	Lebanon; Well 5	1,294	1,763	556	--	.039	.015	.039	.040	.044	.045	.044	.038	.040	.036	.028	.025	13.2
102	374128	923947	Lebanon; Well 6	1,264	1,825	590	--	.069	.065	.043	.069	.075	.055	.095	.069	.069	.073	.062	.073	24.8
103	374000	924017	Lebanon; Well 7	1,266	1,780	562	--	.035	.022	.020	.025	.048	.049	.062	.044	.037	.044	.024	.044	13.9
104	375457	914608	Little Oaks MHP	--	--	--	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.46	
105	372022	925422	Marshfield; Well 2	1,471	1,339	363	--	.183	.183	.183	.183	.183	.183	.183	.183	.183	.183	.183	.183	66.9
106	371958	925535	Marshfield; Well 3	1,478	1,420	425	--	.183	.183	.183	.183	.183	.183	.183	.183	.183	.183	.183	.183	66.9
107	371956	925410	Marshfield; Well 4	1,486	1,300	560	--	.183	.183	.183	.183	.183	.183	.183	.183	.183	.183	.183	.183	66.9
108	375842	914435	Northgate MHP	1,190	455	127	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	1.83
109	370616	922460	Norwood; Well 3	1,525	1,475	600	--	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023	8.52
110	375517	914633	Ozark Terrace	--	490	60	--	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	
111	375901	914511	Phelps County #2 North; Well 1	--	1,075	505	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85
112	375813	914745	Phelps County #2 North; Well 2	--	1,250	520	--	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	.024	8.85
113	375817	914403	Phelps County #2 South; Well 1	1,193	1,050	425	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6
114	375820	914245	Phelps County #2 South; Well 2	1,180	1,150	435	--	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	.046	16.6
115	375126	922419	Richland; Well 1	--	--	--	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d												Annual pumpage (MG)
								Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	
Wells located inside a 6-mile wide band surrounding the study area—Continued																				
116	375120	922341	Richland; Well 2	--	--	--	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
117	375146	922326	Richland; Well 3	--	--	--	--	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	.083	30.4
118	375648	914620	Rolla; Well 2	--	1,745	395	--	.171	.182	.154	.025	.161	.072	.176	.184	.171	.151	.136	.132	52.2
119	375727	914542	Rolla; Well 3	--	1,169	392	--	.109	.098	.086	.124	.095	.155	.182	.157	.064	.104	.107	.125	42.8
120	375706	914525	Rolla; Well 4	--	1,060	231	--	.079	.132	.119	.095	.137	.122	.148	.141	.091	.150	.119	.109	43.8
121	375642	914647	Rolla; Well 5	--	1,133	280	--	.096	.103	.162	.153	.143	.147	.192	.168	.159	.178	.143	.137	54.3
122	375625	914624	Rolla; Well 7	--	1,107	292	--	.000	.059	.085	.076	.044	.074	.088	.073	.034	.059	.050	.063	21.4
123	375615	914529	Rolla; Well 8	--	1,582	280	--	.031	.045	.030	.073	.069	.057	.059	.049	.041	.046	.031	.050	17.7
124	375742	914609	Rolla; Well 10	--	1,123	323	--	.157	.117	.172	.186	.168	.106	.173	.183	.176	.171	.156	.152	58.5
125	375910	914339	Rolla; Industrial Park 1	1,196	1,155	400	--	.122	.106	.094	.106	.103	.140	.239	.200	.128	.124	.145	.131	50.0
126	375847	914324	Rolla; Industrial Park 2	--	1,155	400	--	.134	.098	.099	.085	.086	.103	.173	.124	.206	.195	.109	.090	45.7
127	375732	914438	Rolla; Well 11	--	1,139	325	--	.203	.181	.283	.281	.314	.248	.265	.265	.298	.192	.237	.227	91.2
128	375815	914441	Rolla; Well 12	1,180	1,370	430	--	.079	.145	.141	.171	.179	.160	.180	.179	.180	.177	.159	.149	57.8
129	375642	914429	Rolla; Well 13	1,020	1,200	400	--	.197	.211	.278	.321	.269	.247	.282	.270	.293	.277	.243	.223	94.6
130	375546	914542	Rolla; Well 14	--	1,016	350	--	.173	.181	.184	.151	.180	.122	.179	.158	.161	.136	.064	.064	53.3
131	370906	924560	Seymour; Well 2	--	1,235	316	--	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	35.2
132	370845	924611	Seymour; Well 1	1,650	1,235	300	--	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	.097	35.2
133	375911	914144	Shady Lane TP	1,065	465	235	--	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	1.28
134	375535	914400	Stately Mansion MHP	1,040	670	250	--	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	4.75
135	372959	914947	Texas County #4; Well 2	1,388	1,200	500	--	.000	.082	.132	.107	.126	.092	.152	.041	.107	.101	.077	.106	34.2
136	380014	914320	Whispering Pines Subdivision	--	550	400	--	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	.014	5.11	
137	375804	914637	Whitson Scenic View MHP	--	437	28	--	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	3.65	
138	370001	915806	Willow Springs; Well 2	1,310	1,495	505	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
139	365930	915814	Willow Springs; Well 3	--	1,545	524	--	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.00	
140	365910	915842	Willow Springs; Well 4	--	1,600	475	--	.250	.229	.251	.243	.265	.246	.275	.281	.262	.257	.243	.222	92.1
141	375760	914644	Woodcrest MHP	--	750	400	--	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	.029	10.6	
Cumulative average daily pumping rate and annual pumpage, 1997								4.31	4.46	4.78	4.71	4.86	4.61	5.38	5.04	4.92	4.85	4.52	4.48	1,730

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d						Semi- annual pumpage (MG)
								Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	
Wells located inside a 6-mile wide band surrounding the study area—Continued														
81	372950	924945	Conway; Well 2	1,404	1,150	352	--	.035	.035	.035	.035	.035	.035	6.34
82	375721	921546	Crocker; Well 3	1,145	995	210	--	.154	.154	.154	.154	.154	.154	27.9
83	375700	921557	Crocker; Well 2	1,068	903	350	--	.057	.057	.057	.057	.057	.057	10.3
84	375636	921560	Crocker; Well 1	1,125	950	450	--	.000	.000	.000	.000	.000	.000	.00
85	371024	925108	Diggins; Well 1	1,658	1,100	204	--	.015	.015	.015	.015	.015	.015	2.72
86	371025	925108	Diggins; Well 2	1,660	1,260	902	--	.015	.015	.015	.015	.015	.015	2.72
87	375939	920557	Dixon; Park Well	1,185	889	470	--	.043	.039	.040	.048	.046	.049	8.00
88	375949	920620	Dixon; Well 2	1,178	1,000	400	--	.048	.046	.053	.047	.048	.051	8.85
89	372112	925551	Fountain Plaza MHP	1,465	--	--	--	.010	.010	.010	.010	.010	.010	1.81
90	372055	925546	Gaslight Village	1,479	360	--	--	.004	.004	.004	.004	.004	.004	.72
91	374241	923945	Laclede County #1; Well 1	1,282	1,150	630	--	.099	.099	.099	.099	.099	.099	17.9
92	374200	924322	Laclede County #1; Well 2	1,267	1,100	501	--	.099	.099	.099	.099	.099	.099	17.9
93	373731	924404	Laclede County #1; Well 3	1,358	1,325	520	--	.099	.099	.099	.099	.099	.099	17.9
94	374217	924006	Laclede County #1; Well 4	1,258	1,205	500	--	.099	.099	.099	.099	.099	.099	17.9
95	373523	924427	Laclede County #1; Well 5	1,407	1,755	--	--	.099	.099	.099	.099	.099	.099	17.9
96	374515	924023	Laclede County #1; Well 6	1,226	979	--	--	.099	.099	.099	.099	.099	.099	17.9
97	373550	924118	Laclede County #3; Well 2	1,365	1,215	525	--	.083	.083	.083	.083	.083	.083	15.1
98	375657	915220	Lakeside Estates	--	450	300	--	.007	.007	.007	.007	.007	.007	1.18
99	374025	923931	Lebanon; Well 3	1,276	1,763	556	--	.058	.056	.055	.052	.033	.056	9.33
100	374115	924032	Lebanon; Well 4	1,222	1,170	--	--	.004	.002	.012	.006	.043	.054	3.68
101	373936	923920	Lebanon; Well 5	1,294	1,763	556	--	.033	.030	.035	.035	.032	.050	6.50
102	374128	923947	Lebanon; Well 6	1,264	1,825	590	--	.075	.074	.072	.073	.073	.020	11.7
103	374000	924017	Lebanon; Well 7	1,266	1,780	562	--	.050	.051	.048	.053	.045	.064	9.37
104	375457	914608	Little Oaks MHP	--	--	--	--	.004	.004	.004	.004	.004	.004	.72
105	372022	925422	Marshfield; Well 2	1,471	1,339	363	--	.183	.183	.183	.183	.183	.183	33.2
106	371958	925535	Marshfield; Well 3	1,478	1,420	425	--	.183	.183	.183	.183	.183	.183	33.2
107	371956	925410	Marshfield; Well 4	1,486	1,300	560	--	.183	.183	.183	.183	.183	.183	33.2
108	375842	914435	Northgate MHP	1,190	455	127	--	.005	.005	.005	.005	.005	.005	.91
109	370616	922460	Norwood; Well 3	1,525	1,475	600	--	.023	.023	.023	.023	.023	.023	4.22
110	375517	914633	Ozark Terrace	--	490	60	--	.005	.005	.005	.005	.005	.005	.91
111	375901	914511	Phelps County #2 North; Well 1	--	1,075	505	--	.024	.024	.024	.024	.024	.024	4.39
112	375813	914745	Phelps County #2 North; Well 2	--	1,250	520	--	.024	.024	.024	.024	.024	.024	4.39
113	375817	914403	Phelps County #2 South; Well 1	1,193	1,050	425	--	.046	.046	.046	.046	.046	.046	8.24
114	375820	914245	Phelps County #2 South; Well 2	1,180	1,150	435	--	.046	.046	.046	.046	.046	.046	8.24
115	375126	922419	Richland; Well 1	--	--	--	--	.083	.083	.083	.083	.083	.083	15.1

**Table 3.** Average daily pumping rate and annual pumpage of public water-supply wells in the study area and in a 6-mile wide band surrounding the study area from January 1993 to June 1998—Continued

Site no.	Latitude (fig. 24) ddmmss	Longitude ddmmss	Well	Land surface (ft above NGVD 29)	Well depth (ft below land surface)	Casing depth (ft below land surface)	Specific capacity (gal/min-ft)	Average daily pumping rate, in Mgal/d <sup>a</sup>						Semi- annual pumpage (MG)
								Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	
Wells located inside a 6-mile wide band surrounding the study area—Continued														
116	375120	922341	Richland; Well 2	--	--	--	.083	.083	.083	.083	.083	.083	.083	15.1
117	375146	922326	Richland; Well 3	--	--	--	.083	.083	.083	.083	.083	.083	.083	15.1
118	375648	914620	Rolla; Well 2	--	1,745	395	.153	.194	.230	.224	.233	.314	.314	40.6
119	375727	914542	Rolla; Well 3	--	1,169	392	.104	.092	.105	.108	.104	.128	.128	19.4
120	375706	914525	Rolla; Well 4	--	1,060	231	.134	.064	.077	.098	.115	.115	.115	18.3
121	375642	914647	Rolla; Well 5	--	1,133	280	.158	.102	.107	.064	.099	.140	.140	20.3
122	375625	914624	Rolla; Well 7	--	1,107	292	.051	.042	.050	.063	.060	.054	.054	9.67
123	375615	914529	Rolla; Well 8	--	1,582	280	.060	.045	.048	.050	.049	.058	.058	9.38
124	375742	914609	Rolla; Well 10	--	1,123	323	.122	.111	.153	.132	.144	.119	.119	23.6
125	375910	914339	Rolla; Industrial Park 1	1,196	1,155	400	.070	.070	.053	.097	.113	.117	.117	15.7
126	375847	914324	Rolla; Industrial Park 2	--	1,155	400	.117	.086	.087	.140	.136	.149	.149	21.6
127	375732	914438	Rolla; Well 11	--	1,139	325	.212	.197	.185	.197	.225	.211	.211	37.1
128	375815	914441	Rolla; Well 12	1,180	1,370	430	.125	.136	.130	.113	.154	.180	.180	25.3
129	375642	914429	Rolla; Well 13	1,020	1,200	400	.228	.219	.200	.187	.225	.197	.197	37.9
130	375546	914542	Rolla; Well 14	--	1,016	350	.157	.361	.356	.357	.357	.352	.352	58.3
131	370906	924560	Seymour; Well 2	--	1,235	316	.147	.134	.079	.107	.143	.120	.120	22.0
132	370845	924611	Seymour; Well 1	1,650	1,235	300	.242	.243	.221	.229	.243	.313	.313	45.0
133	375911	914144	Shady Lane TP	1,065	465	235	.004	.004	.004	.004	.004	.004	.004	.63
134	375535	914400	Stately Mansion MHP	1,040	670	250	.013	.013	.013	.013	.013	.013	.013	2.35
135	372959	914947	Texas County #4; Well 2	1,388	1,200	500	.105	.107	.108	.112	.134	.134	.134	21.1
136	380014	914320	Whispering Pines Subdivision	--	550	400	.014	.014	.014	.014	.014	.014	.014	2.53
137	375804	914637	Whitson Scenic View MHP	--	437	28	.010	.010	.010	.010	.010	.010	.010	1.81
138	370001	915806	Willow Springs; Well 2	1,310	1,495	505	.000	.000	.000	.000	.000	.000	.000	.00
139	365930	915814	Willow Springs; Well 3	--	1,545	524	.000	.000	.000	.000	.000	.000	.000	.00
140	365910	915842	Willow Springs; Well 4	--	1,600	475	.264	.251	.269	.273	.289	.295	.295	49.6
141	375760	914644	Woodcrest MHP	--	750	400	.029	.029	.029	.029	.029	.029	.029	5.25
Cumulative average daily pumping rate and semi-annual pumpage, 1998								4.78	4.77	4.79	4.89	5.16	5.36	898